

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 5. LEASE DESIGNATION AND SERIAL NO.

U-44004

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

## 7. UNIT AGREEMENT NAME

N/A

## 8. FARM OR LEASE NAME

Monument Butte Federal

## 9. WELL NO.

1-3

## 10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 3-T9S-R17E SLB&amp;M

## 12. COUNTY OR PARISH

Duchesne

## 13. STATE

Utah

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Enserch Exploration, Inc.

## 3. ADDRESS OF OPERATOR

1230 River Bend Dr. #136 - Dallas, Texas 75247-4995

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

816' FWL 1945 FSL (NW $\frac{1}{4}$ -SW $\frac{1}{4}$ )

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 11 miles SSE of Myton, Utah

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

816'

## 16. NO. OF ACRES IN LEASE

439.57

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

## 19. PROPOSED DEPTH

6000'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5156' GR

## 22. APPROX. DATE WORK WILL START\*

April 1, 1982

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	Circ. to Surface
7-7/8"	5-1/2"	15.5#	6000'	Sufficient to cover productive zones and protect oil shale and aquifers.

Propose to drill a 12-1/4" hole to 300', set 8-5/8" casing and cement to surface. An 11" x 3000 psi bradenhead and 11" x 3000 psi double hydraulic pipe and blind rams, and spherical BOP's will be installed and tested to 1000 psi. A 7-7/8" hole will then be drilled to a total depth of 6000' with a salt water base drilling fluid. If the well is evaluated to be productive, 5-1/2" production casing will be run and cemented. If not, the well will be plugged according to USGS requirements. The location will be restored as per B.L.M. instructions, and a dry hole marker erected.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*C. H. Peeples*  
C. H. Peeples

TITLE

Regional Drilling Manager

DATE

February 2, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*W. P. Martin*

TITLE

E. W. Guynn  
District Oil & Gas Supervisor

DATE

MAR 02 1982

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY

\*See Instructions On Reverse Side

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

STATE O&amp;G

Identification CER/EA No. 190-82

Minerals Management Service  
Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Mar 1 1982  
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Enserch Exploration  
Project Type Oil Well  
Project Location 816' FWL & 1945' FSL - Section 3, T. 9S, R. 17E  
Well No. 1-3 Lease No. U-44004  
Date Project Submitted February 9, 1982

FIELD INSPECTION

Date February 22, 1982

Field Inspection  
Participants

Greg Darlington - MMS, Vernal

Gary Slagel - BLM, Vernal

Gene Stewart - Enserch

Leonard Heeney - Ross Construction

Earl Cady - Ross Construction

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning  
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects, and, therefore, does not represent an exception to the categorical exclusions.

March 1, 1982

Date Prepared

Greg Darlington

Environmental Scientist

I concur

MAR 01 1982

Date

W. P. Martin

District Supervisor

FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR

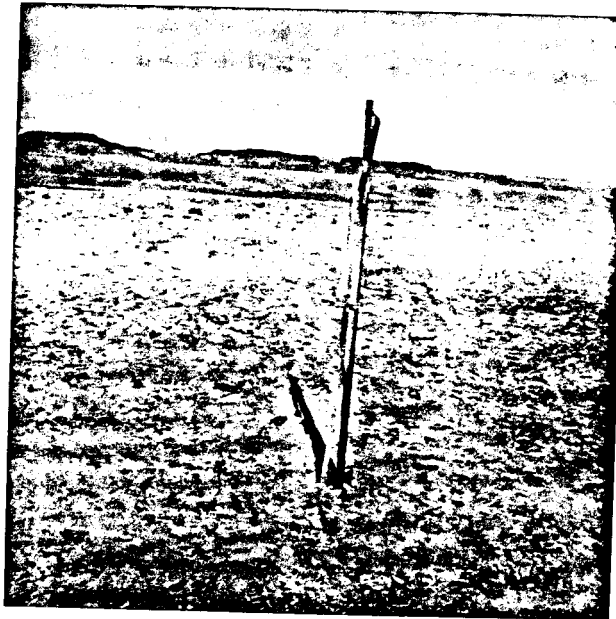
PROPOSED ACTIONS:

Enserch Exploration plans to drill the Monument Butte #1-3 well, a 6000' oil test of various formations. A new access road of .75 mile will follow an existing jeep trail from the location to a county-maintained road. A pad 155' x 325' and a reserve pit 100' x 150' are planned for the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations;
2. lease stipulations; and
3. provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.



North View      Enserch  
Monument Butte 1-3

FIELD NOTES SHEET

Date of Field Inspection: February 22

Well No.: 1-3 Monument Butte

Lease No.: V-44004

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Good location

upgrade 3/4 mile deep trail

Resituate Topsoil between #5 and #6

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Near a possible Silsonite Vein we pass an old

facility and old mineshaft on the way in to see the location.

## CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

[illegible]

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*



# United States Department of the Interior

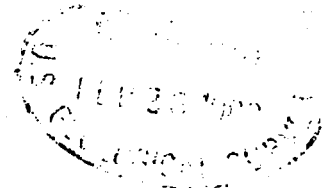
IN REPLY REFER TO

T & R  
U-801

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

February 22, 1982

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104



Re: Joint Onsite Inspection  
Enserch Exploration Inc.  
T9S, R16E, Section 3,  
Castle Peak #1-3  
T9S, R16E, Section 33,  
Pleasant Valley #1-33  
T9S, R17E, Section 3,  
Monument Butte #1-3  
T9S, R17E, Section 8,  
Monument Butte #1-8

Dear Mr. Guynn:

On February 22, 1982, a joint onsite inspection was made of the above referenced well site location and access road by people representing Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:


1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.

7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required by O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. Reserve pits will be fenced with a wire mesh fence topped with at least one (1) strand of barbed wire.
9. At Pleasant Valley #1-33, the location will be moved 150' northeast so as to miss archaeological sites 42 DC 388 and 42 DC 389. The topsoil will be stockpiled at corner #2.
10. At Monument Butte #1-3, the topsoil will be stockpiled between points 5 and 6.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill site and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph J. Heft  
Area Manager  
Diamond Mountain  
Resource Area

cc: USGS, Vernal

ENSERCH EXPLORATION, INC.  
10 POINT DRILLING PLAN  
FOR  
MONUMENT BUTTE NO. 1-3 FEDERAL  
LOCATED IN  
SECTION 3 - T9S-R17E S.L.B.&M.  
DUCHESNE COUNTY, UTAH

1. Geological Name of Surface Formation

(A) Uinta Formation of Eocene Age

2. Estimated Tops of Important Geological Markers

Formation	Sub-Sea Depth	In Hole Depth
(A) Evacuation Creek	2500'	2638'
(B) Garden Gulch	1100'	4038'
(C) Douglas Creek	500'	4638'
(D) Lower Douglas Creek	-200'	5338'

3. Estimated Depths of Anticipated Water, Oil or Gas

Formation	Depth	
(A) Uinta	300 to 2600'	Water
(B) Evacuation Creek	2638'	Gas/Water
(C) Garden Gulch	4038'	Oil & Gas/Water
(D) Douglas Creek	4638'	Oil & Gas
(E) Lower Douglas Creek	5338'	Oil & Gas/Water

4. Proposed Casing Program

	<u>Setting Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Condition</u>
(A)	0 to 300'	8-5/8"	24 lb/ft	K-55, STC	New
(B)	0 to 6000'	5-1/2"	15.5 lb/ft	K-55, STC	New

5. Specifications for Pressure Control Equipment

- (A) An 11 inch, 3000 psi working pressure double hydraulic BOP with pipe and blind rams will be installed on the casinghead prior to drilling below the surface casing. A spherical preventer or rotating head will also be installed.
- (B) All BOP equipment will be pressure tested to 2000 psi.
- (C) The ram preventers will be tested daily to assure correct operation.

6. Proposed Circulating Medium

A KCL brine water system will be used from 300' to total depth with additives to control solids flocculation, corrosion, viscosity and fluid loss. If additional weight is needed to control pressures or heaving shale, a gel-chemical fresh water mud will be used with Barite as needed to control pressure.

7. Auxiliary Equipment

- (A) An upper kelly cock will be kept in the string at all times.
- (B) A float at the bit will not be used.
- (C) A full opening safety valve will be kept on the floor for stabbing into the drill pipe when the kelly is not in the string.
- (D) A mud logging unit with gas detecting equipment will be used from 300' to total depth.

8. Testing, Coring and Logging Program

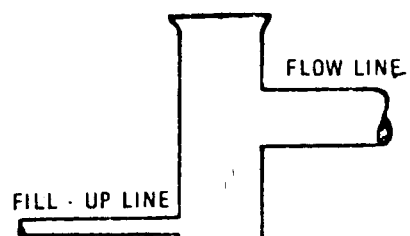
- (A) Drill Stem Tests are not anticipated.
- (B) Coring is not anticipated.
- (C) A suite of logs consisting of DLL/GR/BHC, and CNL/FDC will be run from total depth to the bottom of the surface casing.

9. Anticipated Abnormal Pressures, Temperatures or Hazards

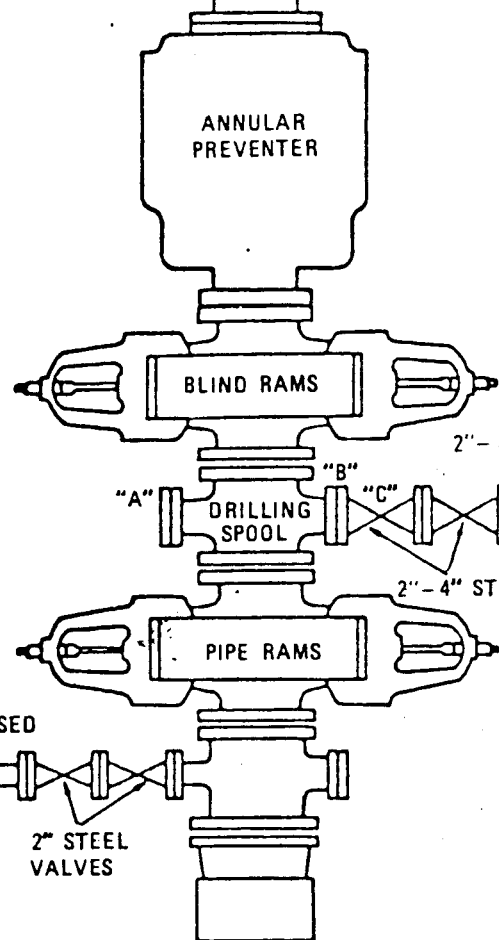
- (A) No abnormal pressures are anticipated.
- (B) No abnormal temperatures are anticipated.
- (C) No potential hazards or H<sub>2</sub>S are anticipated.

10. Starting Date and Duration of Operations

- (A) The anticipated starting date will be dependent on rig availability but is expected to be on or about April 1, 1982.
- (B) This well is anticipated to be drilled in 14 to 20 days.



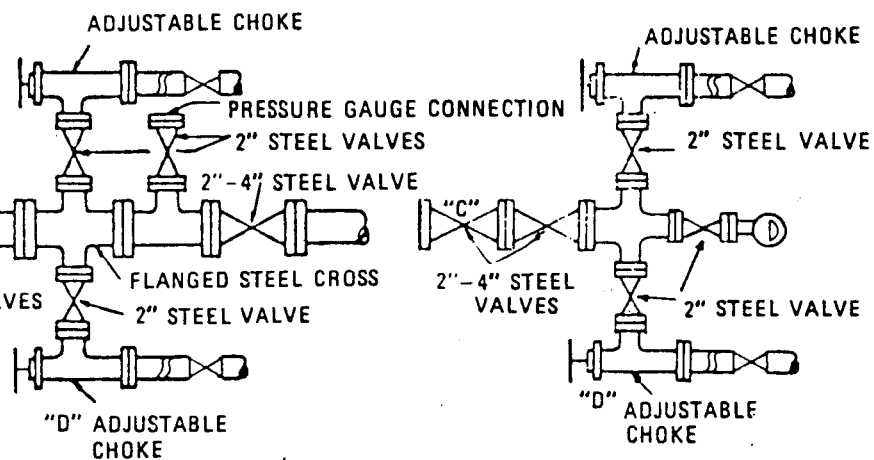
Minimum Requirements  
3000 psi W.P.  
THREE PREVENTER HOOKUP



WHILE DRILLING, BOTH  
VALVES ARE KEPT CLOSED

CHOKE MANIFOLD

\* ALTERNATE CHOKE MANIFOLD



IF POSSIBLE, CASING SPOOL SHOULD  
BE POSITIONED SO THAT THESE  
VALVES ARE DIRECTLY UNDER THE  
BARREL OF THE RAM PREVENTER.

ENSERCH EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

Monument Butte #1-3

Located In

Section 3, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

ENSERCH EXPLORATION INCORPORATED

Monument Butte #1-3

Section 3, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach ENSERCH EXPLORATION INCORPORATED, well location site Monument Butte #1-3, located in the NW1/4SW1/4 Section 3, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed West out of Myton, Utah along U.S. Highway 40 1.6 miles to the junction of this highway and Utah State Highway 53 to the South; proceed South along Utah State Highway 53 1.6 miles to its junction with Utah State Highway 216; proceed in a Southeasterly direction along this Highway 12.2 miles to an existing dirt road to the Northeast; proceed Northeasterly along this road 0.8 miles to it's junction with the proposed location site.

The Highways 40 and 53 mentioned above are bituminous surfaced roads and are maintained by state crews; the above mentioned Highway 216 is a gravel surfaced road and is maintained by State & County Crews.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well. (At such time that production is established).

The roads are required for access during the drilling phase, completion phase, and production phase of the well, will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

There will be no access road required as the existing roads described above go directly to the location site.

3. EXISTING WELLS

There are wells within a one mile radius of this location site. See topographic Map "B" for the location of these wells relative to the proposed location site.

ENSERCH EXPLORATION INCORPORATED

Monument Butte #1-3

Section 3, T9S, R17E, S.L.B. & M.

3. EXISTING WELLS - CONTINUED

There are no water wells, abandoned wells, shut in wells, injection wells or wells for other Resources within a one mile radius of this location site.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. there are no other Enserch Exploration Incorporated gathering, injection, or idsposal lines with a one mile radius of this location.

In the event production is established, plans for a gas flow line from this lication to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Items #7 and #10.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled from the Duchesne River at a point where it runs under U.S. highway 40 approximately 15 miles Northeast of the proposed location site. This water will be hauled by truck over the existing roads and the proposed access road.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site

ENSERCH EXPLORATION INCORPORATED

Monument Butte #1-3

Section 3, T9S, R17E, S.L.B.&M.

6. SOURCE OF CONSTRUCTION MATERIALS - CONTINUED

and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be take to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be line with a gel.

the pits will have overhead wire with flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation are attempted.

7. METHODS OF HANDLING WASTE DISPOSAL - CONTINUED

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements

ENSERCH EXPLORATION INCORPORATED

Monument Butte #1-3

Section 3, T9S, R17E, S.L.B. & M.

7. METHODS OF HANDLING WASTE DISPOSAL - CONTINUED

in Items #10 will be followed.

A temporary trash basket will be supplied and will be placed on the location site. This trash basket will be used to contain trash accumulated at the sight. The trash will be hauled to the nearest Sanitary land fill.

All flammable materials will be burned and buried upon completion of this well. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached locaiton layout sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet).

ENSERCH EXPLORATION INCORPORATED

Monument Butte #1-3

Section 3, T9S, R17E, S.L.B. & M.

10. PLANS FOR RESTORATION OF SURFACE - CONTINUED

When all drilling and reproduction activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. As mentioned in Item #7, if the reserve pits contain oil, then they will be completely fenced and overhead wire and flagging installed. They will then be allowed to dry before covering.

Any drained re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket will be hauled to the nearest Sanitary Land Fill. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination.

The lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10. These activities shall begin within 90 days after completion of the well, and shall be completed within 30 days thereafter.

11. OTHER INFORMATION

The topography of the General Area - ( See topographic Map "A" )

The area is a basin formed by the Uinta Mountains and Duchesne River to the North and the Green River and the Roan Plateau to the South.

The Basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep with ledges formed in sandstones, conglomerates, and shale deposits.

ENSERCH EXPLORATION INCORPORATED

Monument Butte #1-3

Section 3, T9S, R17E, S.L.B. & M.

The majority of the washes and streams in the area are non-perennial in nature with the only one in the area having a year round flow being the Green River to the South and East, of which the numerous washes, draws and non-perennial streams are tributaries to.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring and extremely rare heavy thunderstorms, or rainstorms of high intensity that last over an extended period of time and are rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial streams and flow Southerly to the Green River.

The geologic structures of the area that are visible are or the Uinta Formation (Eocene Epoch) Tertiary Period in the Upper elevations and the Cobblestone and younger alluvial deposits from the Quaternary Period.

The topsoils in the area range from a light brownish-gray sandy-clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soil.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid region we are located in and in the lower elevations of the Uintah Basin. It consists of areas of sagebrush, rabbitbrush, some grasses and cacti in the areas away from and in the vicinity of non-perennial streams. In the areas that are formed along the edges of perennial streams cottonwood, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to this area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

ENSERCH EXPLORATION INCORPORATED

Monument Butte #1-3

Section 3, T9S, R17E, S.L.B. & M.

11. OTHER INFORMATION - CONTINUED

The area is used by man for the primary purpose of grazing domestic livestock.

The topography of the Immediate Area - ( See topographic Map "B" )

Monument Butte #1-3 is located on Pariette Bench South of Castle Peak Draw a non-perennial drainage which drains to the Southeast into the Green River.

The terrain in the immediate vicinity of the location slopes North-easterly with the grade varying from about 3% to 10%. Runoff from this area flows North to Northeast into several small washes which in turn feed a few larger drainages that flow Northeasterly into the Castle Peak Draw at a point approximately 0.5 miles Northeast of the location site.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location site is administered by the B.L.M.

There are no occupied dwellings or other facilities of this nature in the general area.

there are no visible archaeological, Historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LEESSEE'S OR OPERATOR'S REPRESENTATIVE

C.H. Peeples

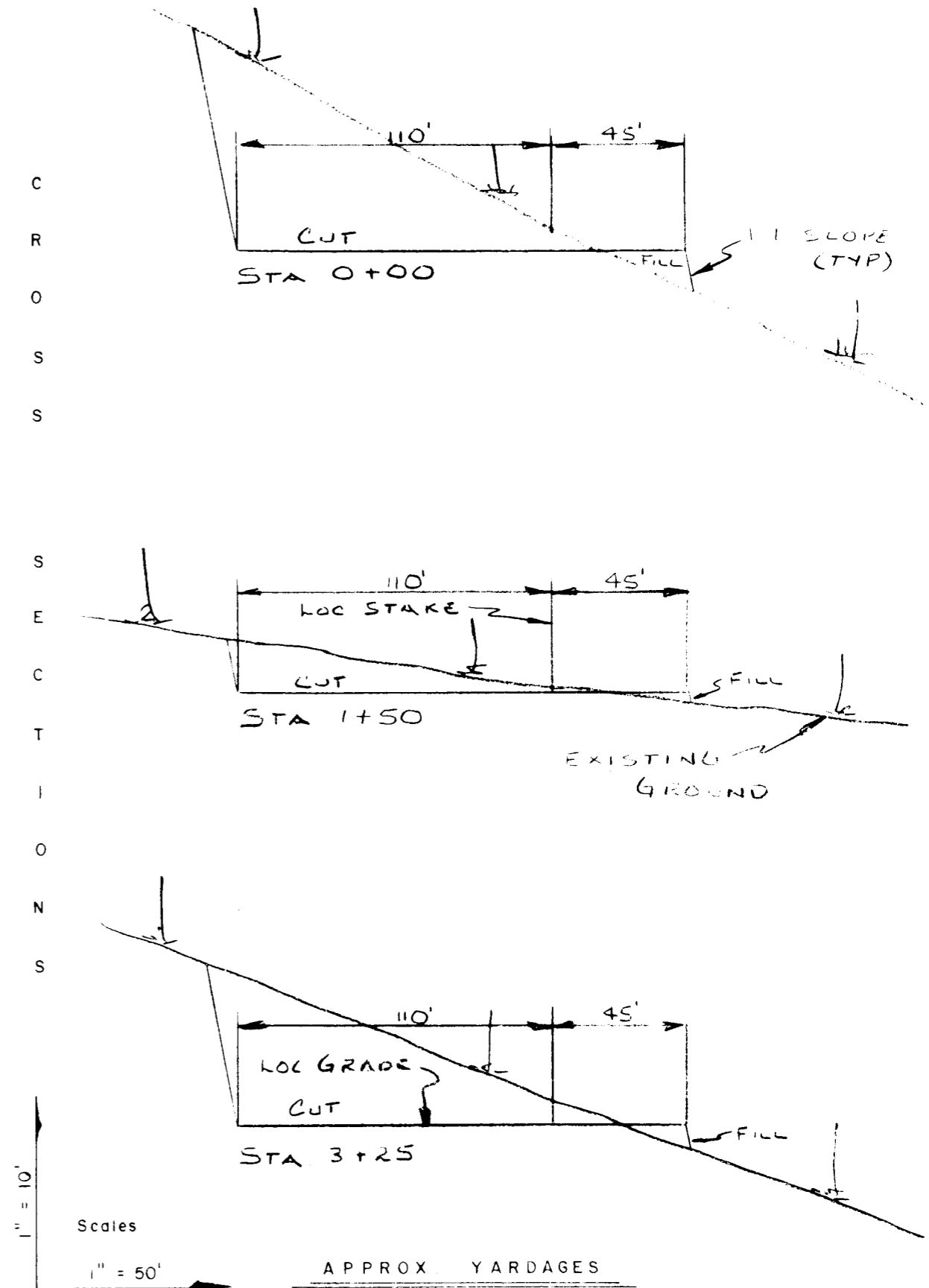
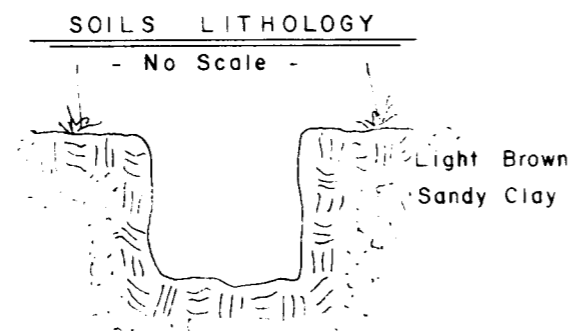
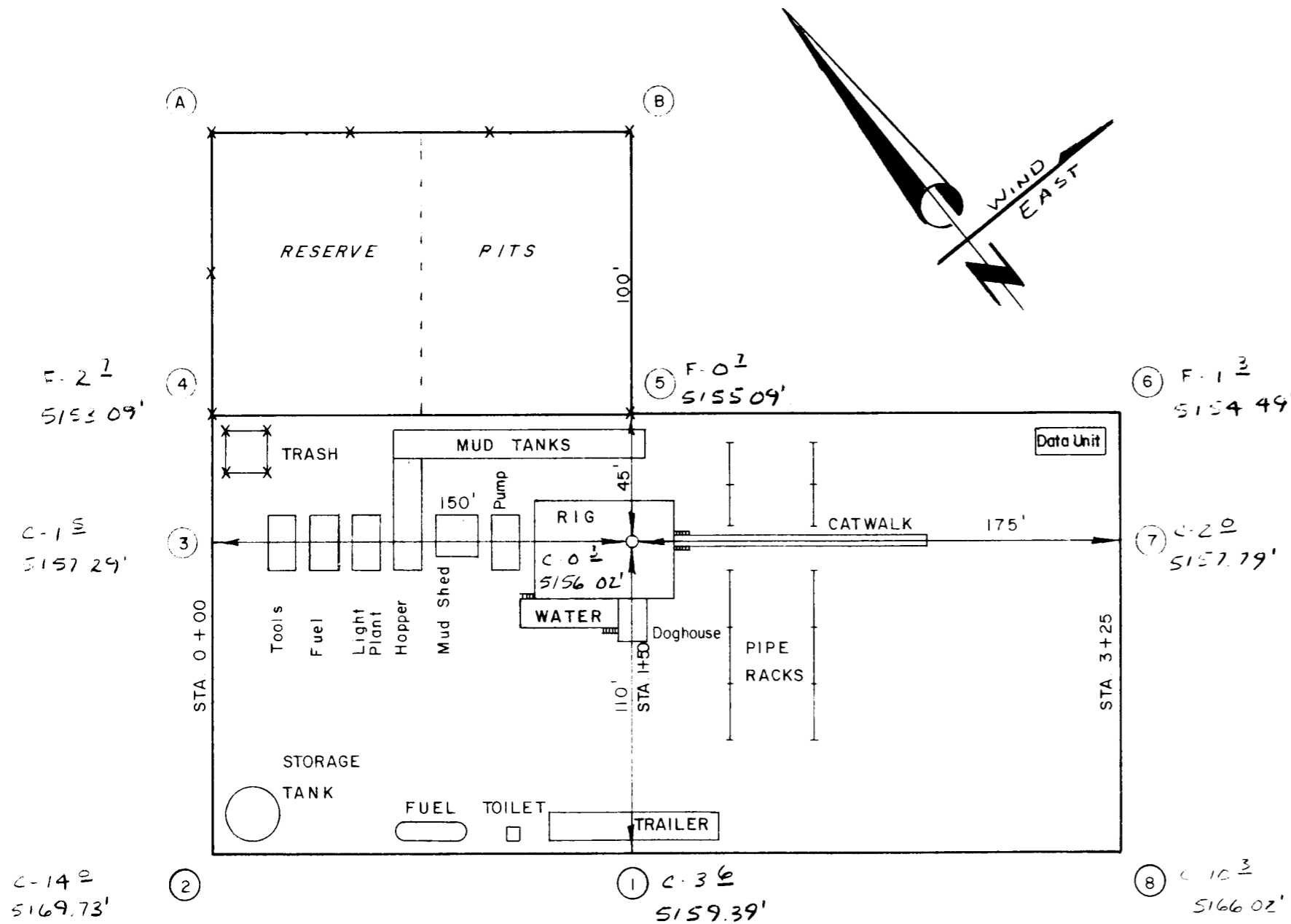
ENSERCH EXPLORATION INC.

1230 Riverbend Drive #136

Dallas, TX. 75247

# ENSERCH EXPLORATION INC.

MONUMENT BUTTE # 1-3



Cubic Yards Cut - 6510

Cubic Yards Fill - 222

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE - CONTINUED

1-214- 630-8711

13. CERTIFICATION

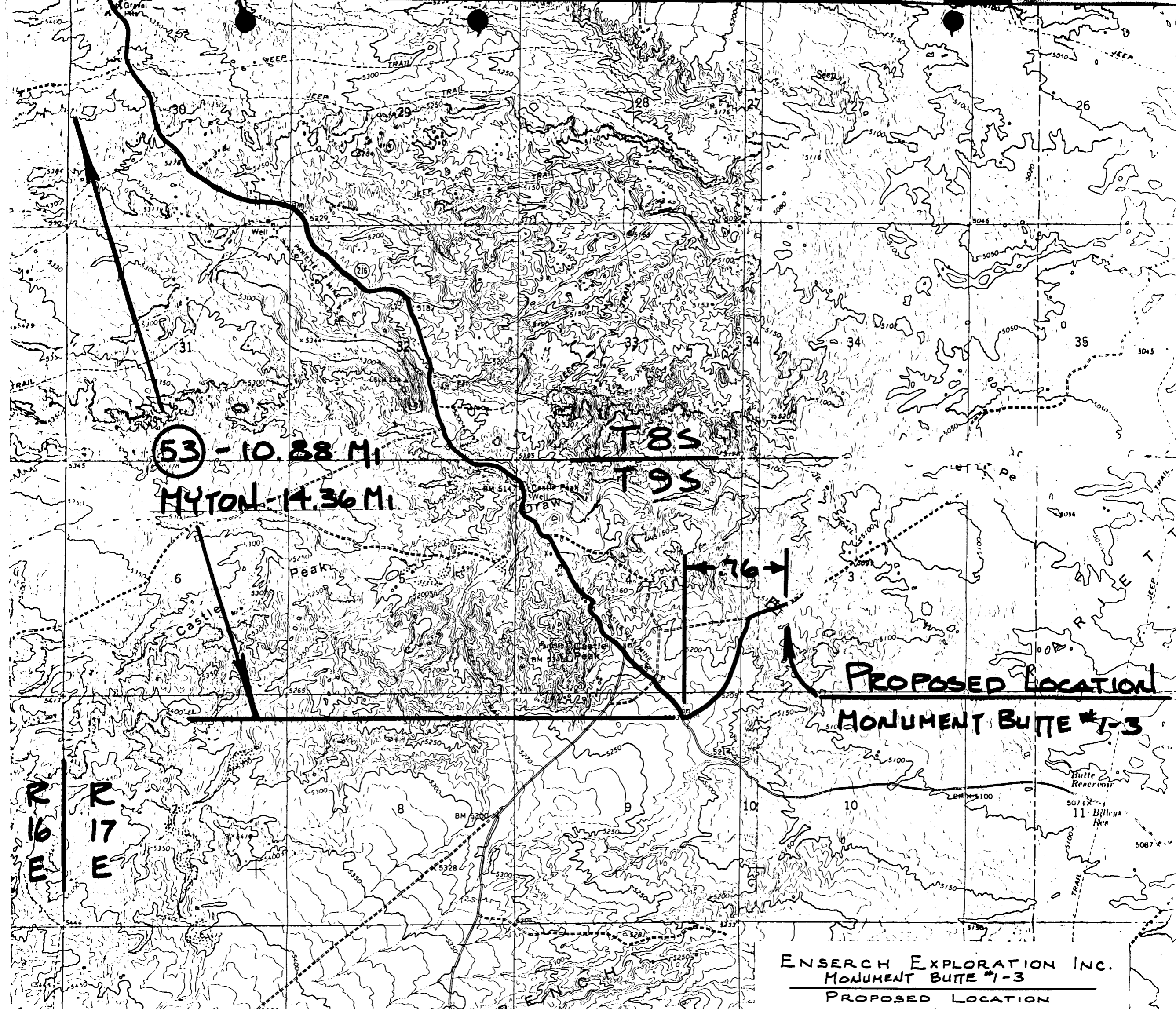
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by ENSERCH EXPLORATION INCORPORATED and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

Feb. 2, 1982

C.H. Peeples

Regional Drilling Manager



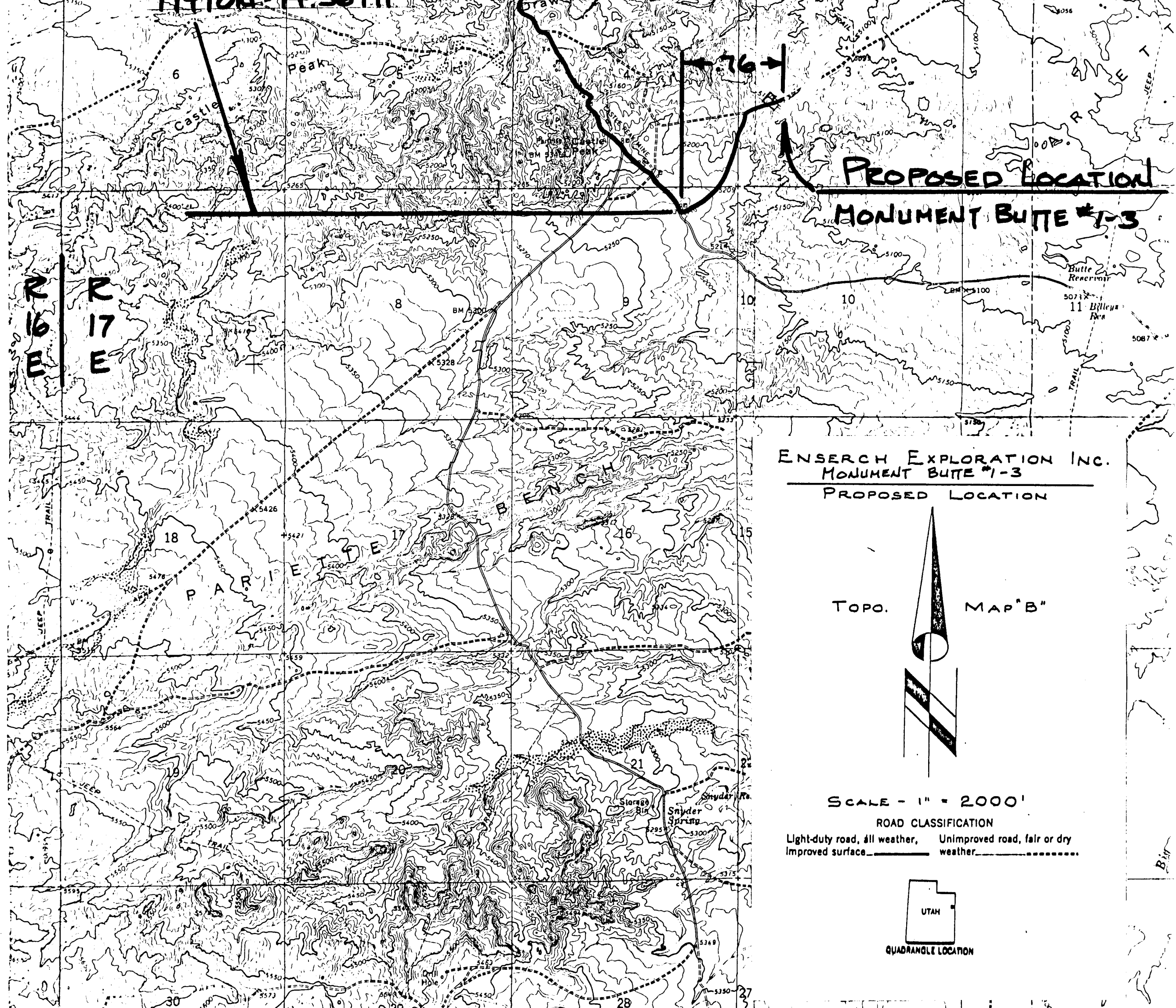
53 - 10.88 MI  
MYTON - 14.36 MI

T8S  
T9S

R16E  
R17E

PROPOSED LOCATION  
MONUMENT BUTTE #1-3

ENSERCH EXPLORATION INC.  
MONUMENT BUTTE #1-3  
PROPOSED LOCATION



ENSERCH EXPLORATION INC.  
MONUMENT BUTTE #1-3  
PROPOSED LOCATION

TOPO.

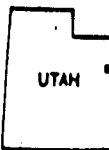
MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty road, all weather, Improved surface \_\_\_\_\_ Unimproved road, fair or dry weather \_\_\_\_\_



QUADRANGLE LOCATION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Enserch Exploration, Inc.

## 3. ADDRESS OF OPERATOR

1230 River Bend Dr. #136 - Dallas, Texas 75247-4995

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

816' FWL 1945 FSL (NW $\frac{1}{4}$ -SW $\frac{1}{4}$ )

At proposed prod. zone Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 11 miles SSE of Myton, Utah

10. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

816'

## 16. NO. OF ACRES IN LEASE

439.57

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

## 19. PROPOSED DEPTH

6000'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5156' GR

*Lower Douglas Creek*

## 22. APPROX. DATE WORK WILL START\*

April 1, 1982

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	Circ. to Surface
7-7/8"	5-1/2"	15.5#	6000'	Sufficient to cover productive zones and protect oil shale and aquifers.

Propose to drill a 12-1/4" hole to 300', set 8-5/8" casing and cement to surface. An 11" x 3000 psi bradenhead and 11" x 3000 psi double hydraulic pipe and blind rams, and spherical BOP's will be installed and tested to 1000 psi. A 7-7/8" hole will then be drilled to a total depth of 6000' with a salt water base drilling fluid. If the well is evaluated to be productive, 5-1/2" production casing will be run and cemented. If not, the well will be plugged according to USGS requirements. The location will be restored as per B.L.M. instructions, and a dry hole marker erected.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MININGDATE: *2/19/82*BY: *[Signature]*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*C. H. Peeples*  
C. H. Peeples

TITLE

Regional Drilling Manager

DATE

February 2, 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

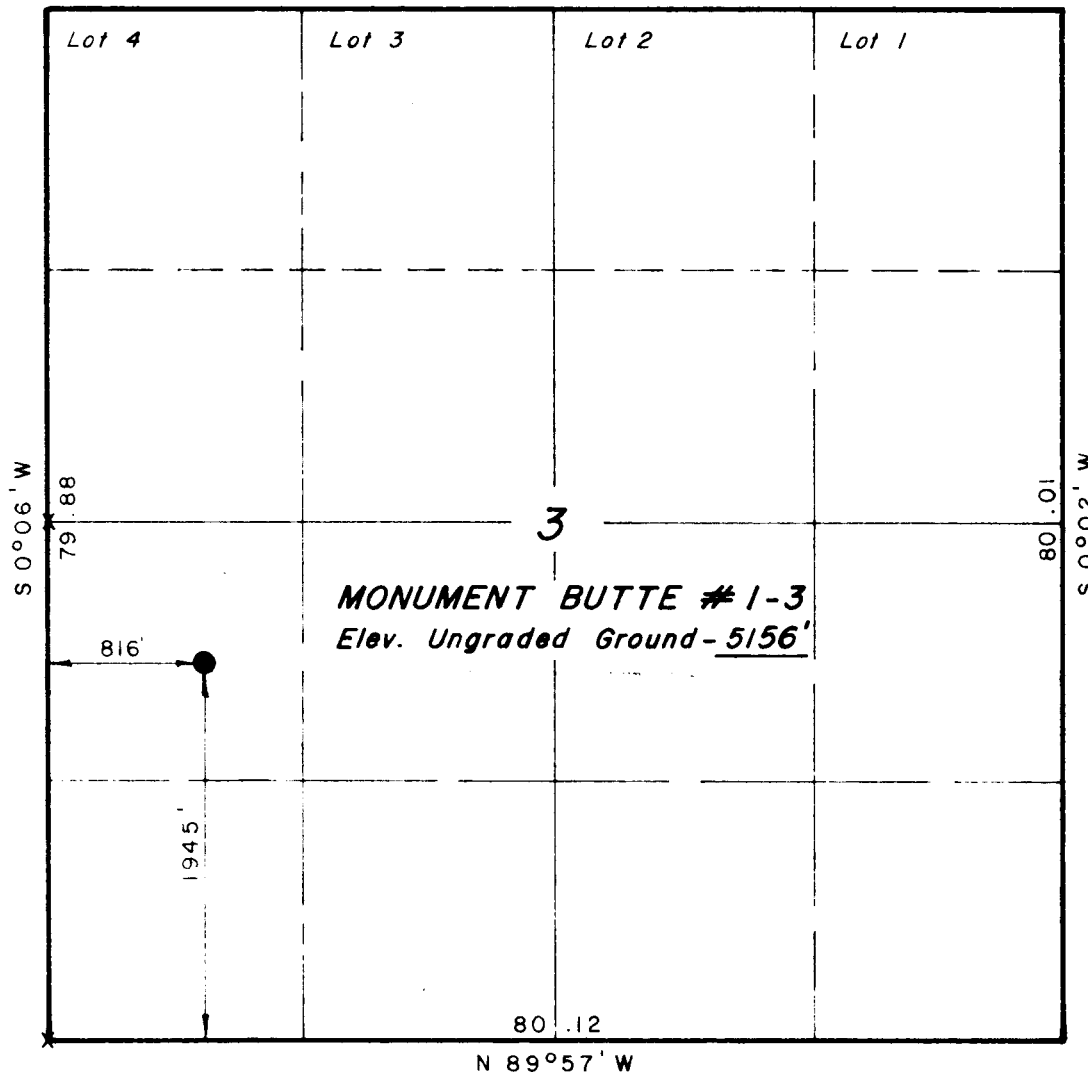
TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**T9S, R17E, S.L.B.&M.**

N 89°58' E



X = Section Corners Located

PROJECT  
**ENSERCH EXPLORATION INC.**

Well location, **MONUMENT BUTTE #1-3**, located as shown in NW 1/4 SW 1/4, Section 3, T9S, R17E, S.L.B.&M., Duchesne County, Utah.



FIELD PLAT

THIS FIELD PLAT WAS PREPARED BY THE ENGINEER AND SURVEYOR FOR THE PURPOSE OF RECORDING THE LOCATION OF THE WELL AND THE ELEVATION OF THE GROUND SURFACE. IT IS TO BE USED IN CONNECTION WITH THE SURVEY MAP AND THE FIELD BOOK. IT IS NOT TO BE USED AS A SUBSTITUTE FOR THE SURVEY MAP OR THE FIELD BOOK.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 3154  
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2 / 5 / 82
PARTY	RT,	RP	REFERENCES
WEATHER	CLOUDY / COLD	FILE	ENSERCH

ENSERO EXPLORATION INC.  
MONUMENT BUTTE #1-3

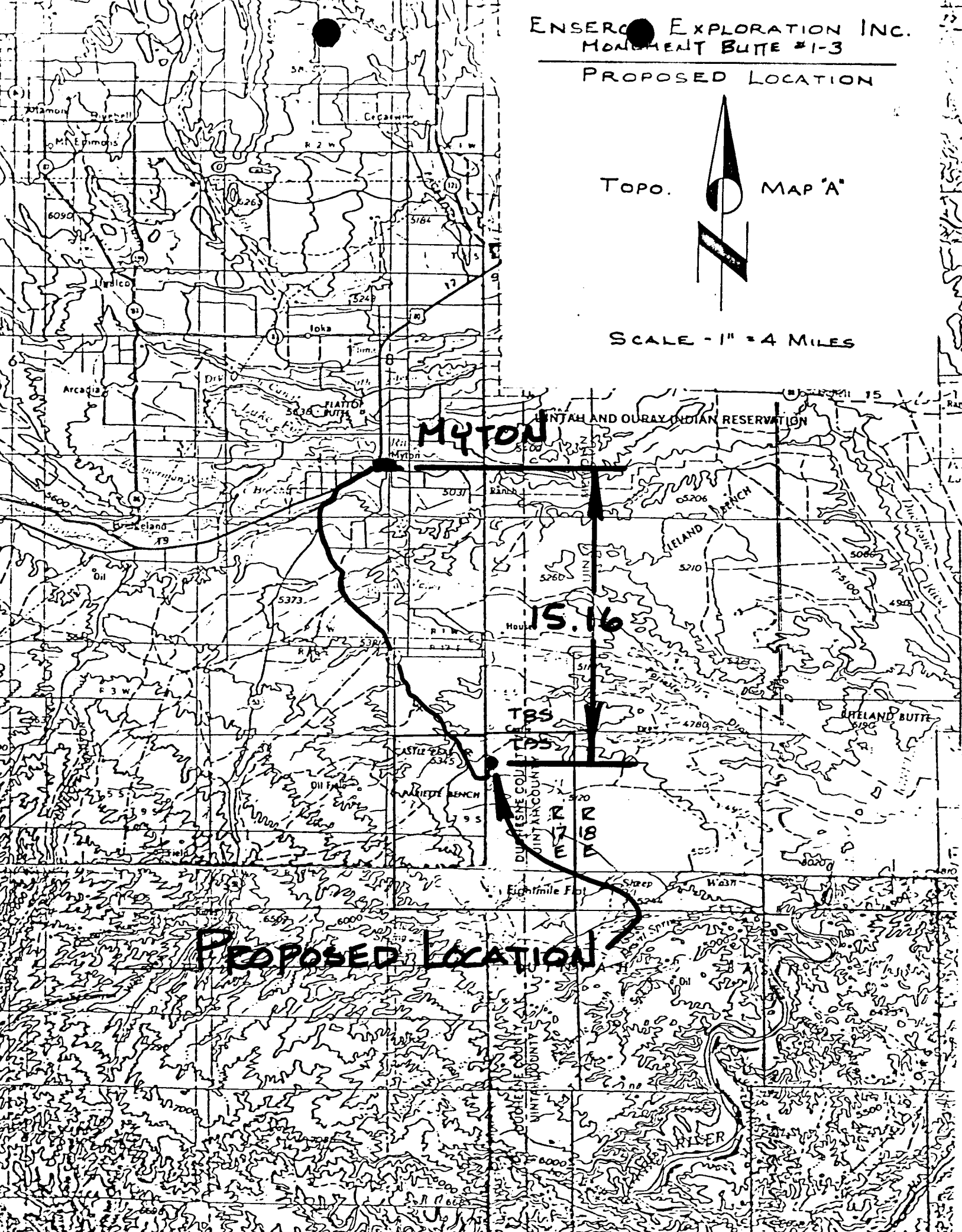
PROPOSED LOCATION

TOPO.

MAP 'A'



SCALE - 1" = 4 MILES



MYTON

SENTAH AND OURAY INDIAN RESERVATION

15.16

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

TBS

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TBS

TBS

TBS

TBS

TBS

**\*\* FILE NOTATIONS \*\***

DATE: 2-16-82

OPERATOR: Ensured Exploration Inc.

WELL NO: Monument Butte Federal 1-3

Location: Sec. 3 T. 9S R. 17E County: Wichita

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-013-30642

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK Rule C-3

Administrative Aide: As per Rule C-3

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed.

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

February 19, 1982

Enserch Exploration, Inc.  
1230 River Bend Drive #136  
Dallas, Texas 75247-4995

RE: Well No. Monument Butte Federal 1-3  
Sec. 3 T. 9S, R. 17E  
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455


Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30642.

Sincerely,

DIVISION OF OIL, GAS AND MINING

  
Cleon B. Feight  
Director

CBF/as  
Encl.  
cc: USGS

NOTICE OF SPUD

Company: Enrich Exploration

Caller: \_\_\_\_\_

Phone: \_\_\_\_\_

Well Number: # 1-3

Location: 3 T9S R17E NW5W

County: Guillemine State: Utah

Lease Number: U-44004

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 3-10-82 4:30 PM

Dry Hole Spudder/Rotary: Dry hole

Details of Spud (Hole, Casing, Cement, etc.) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Rotary Rig Name & Number: \_\_\_\_\_

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: David Raffert

Date: 3-10-82

**RECEIVED**

MAR 12 1982

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. ☒ oil well ☐ gas well ☐ other

2. NAME OF OPERATOR

Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR

Dallas, Tx

1230 River Bend Dr., Suite 136 75247

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 816 FWL & 1945 FWL (NW 1/4 SW 1)

AT TOP PROD. INTERVAL: same

AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Drilling Operations

5. LEASE

U-44044

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Monument Butte Federal

9. WELL NO.  
1-3

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 3-T9S-R17E SLB & M

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. API NO.

43-013-30642

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5156' G.R.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded 12 1/4" hole at 6:00 PM 3-10-82. Drilled to 312' and ran 8 5/8" surface casing to 312'. Cemented to surface with 225 sacks class G cement. Drilled 7 7/8" hole to 6213'. Ran electric logs. Ran 5 1/2" production casing to 6212 and cemented to surface with 955 sacks of cement. Released drilling rig 3-22-82 and turned well over to production department at

Enserch Exploration, Inc.  
1322 Metro Bank Bldg.  
Denver, Colorado 80202

Subsurface Safety Valve: Manu. and Type

Set @

ft.

18. I hereby certify that the foregoing is true and correct

SIGNED C. H. Peeples TITLE Regional Dir. Mgr. DATE 3-22-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF WYOMING  
OIL AND GAS CONSERVATION COMMISSION  
Office of State Oil and Gas Supervisor  
E.S.C. Building  
Casper, Wyoming 82601

5. State Lease No.

U-44044

6. Unit Agreement

--

7. Farm or Lease Name

Monument Butte Federal

8. Well No.

1-3

9. Reservoir

Green River

10. Field Name

Wildcat

11. Section, Township and Range

Section 3, T9S, R17E,  
SLB&M

12. County

Duchesne

13. State

Utah

1. SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill, deepen, or plug-back. Form 1 is provided for such proposals.)

OIL WELL ☒ GAS WELL ☐

OTHER

DRY ☐

2. OPERATOR

Enserch Exploration, Inc.

3. ADDRESS

475-17th Street, Suite 1300, Denver, Colorado 80202

4. LOCATION (Show quarter-quarter description and footage measurements. See also space 16 below)  
At surface

816' FWL, 1945' FSL (NW SW)

14. ELEVATIONS  
Derrick Floor

Rotary Kelly  
Bushing

Rotary  
Table

Ground

Other

5156'

15. INDICATE BELOW BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA

NOTICE OF INTENTION TO: (Submit in triplicate)

Test Water Shut-Off ☐ Pull or Alter Casing ☐  
Fracture Treat ☐ Recomplete ☐  
Shoot or Acidize ☐ Abandon ☐  
Repair Well ☐ Change Plans ☐

PROGRESS REPORT

☒

SUBSEQUENT REPORT OF: (Submit in duplicate, triplicate on state lands)

Water Shut-Off ☐ Repairing Well ☐  
Fracture Treatment ☐ Altering Casing ☐  
Shooting or Acidizing ☐ Abandonment  
(Submit in triplicate) ☐

(Note: Report results of multiple completion on Well Completion  
or Recompletion and Log form.)

16. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

MIRU Completion Unit. Perforated 5558-75' (18 holes). Broke down perfs with 3500 gals 15% WFC-1 acid. Dropped 28 - 7/8" ball sealers for diversion. Swbd well. Perforated 5422-31' (10 holes). Broke down perfs with 26 bbls diesel. Flushed with 18 bbls diesel. Dropped 20 ball sealers for diversion. Swbd. well. Fraced well down casing with 27,000 gals diesel Maxi-0 pad, 36,000# 20/40 mesh sand and 12,000# 10/20 mesh sand. Flushed with 129 bbls diesel. Swbd back frac diesel. Perf. 4876-84 and 4794-4804' (1 spf). Set BP at 5013', pkr at 4742'. Broke down perfs with 2000 gals diesel. Dropped 30 ball sealers for diversion. Fraced with 27,000 gals Mzxi-0-74 diesel, 36,000# 20/40 mesh sand, 12,000# 10/20 mesh sand. Flushed top perfs with 113 bbls diesel. Perforated 4270-80' (1 spf) total of 11 holes. Broke down perfs with 1100 gals diesel. Dropped 20 ball sealers for diversion. BP set at 4394', pkr at 4200'. Fraced with 10,000 gals Maxi-0-74 diesel, 16,000# 20/40 mesh sand, 6,400# 10/20 mesh sand. Flushed with 102 bbls Maxi-0-74 diesel. Presently recovering frac diesel.

17. I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operations.

SIGNED

*C. E. Rhodes*  
C. E. Rhodes

TITLE District Production Manager

DATE 4/16/82

(This space for State office use)

APPROVAL DATE

APPROVED BY

State Oil and Gas Supervisor

Approvals sent

196

CONDITIONS OF APPROVAL, IF ANY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATION  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-44044

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME ---	
2. NAME OF OPERATOR Enserch Exploration, Inc.		8. FARM OR LEASE NAME Monument Butte Federal	
3. ADDRESS OF OPERATOR 475-17th Street, Suite 1300, Denver, Colorado 80202		9. WELL NO. 1-3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 816' FWL, 1945' FSL (NW SW)		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 3, T9S, R17E, SLB&M	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5156' GR	12. COUNTY OR PARISH Duchesne	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETION ☐SHOOT OR ACIDIZE ☐ABANDON\* ☐REPAIR WELL ☐CHANGE PLANS ☐

(Other) Progress Report

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT\* ☐(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Recovered all frac diesel used to stimulate well. Ran rods and pump. Hooked up tank battery. Presently pump testing at an average of 97 BOPD and 14 BWPD.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. E. Rhodes

TITLE District Production Manager DATE 5/12/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



DRESSER ATLAS DIVISION, DRESSER INDUSTRIES, INC. 1532 METROBANK BUILDING DENVER, COLORADO 303/620-0601

TO: State of Utah Div. of Oil  
Gas and Mining  
4041 State Office Bldg  
Salt Lake City, Utah 84114

DATE: March 30, 1982

SUBJECT:  
DCC# 1782

RE: Prolog

DEAR SIR:

ENCLOSED PLEASE FIND THE DATA AS DESCRIBED BELOW:

<u>WELL</u>	<u>DATA</u>
COMPANY: <u>Enserch Exploration Corp.</u>	_____ 600' TAPE REEL(S)
WELL: <u>Monument Butte #3</u>	_____ COMPUTER LISTER(S)
FIELD: <u>Monument Butte</u>	_____ VERSATEC SEPIA(S)
COUNTY, STATE: <u>Duchesne, Utah</u>	_____ DATA SHEET(S)
	_____ / _____ LOG PRINT(S)
	_____ BOOK(S)
	_____ FILM(S)

TRANSMITTED BY:

- ☒ MAIL  
☐ AIRFREIGHT  
☐ COUNTER TO COUNTER  
☐ HAND DELIVERY

AIRBILL NUMBER \_\_\_\_\_

AIRLINES \_\_\_\_\_

PLEASE ACKNOWLEDGE RECEIPT OF THE INFORMATION BY SIGNING AND RETURNING THE ATTACHED COPY OF THIS LETTER.

VERY TRULY YOURS, .

Steven C. Brun  
DENVER COMPUTER CENTER

RECEIVED BY:

Carrie Jurse

DATE: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR

475-17th Street, Suite 1300, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface, 816' FWL, 1945' FSL (NW SW)

At top prod. interval reported below  
SameAt total depth  
Same

14. PERMIT NO.

43-013-306421

DATE ISSUED

JUN 04 1982  
DIVISION OF  
GAS & MINING  
7-19-82

18. OPERATIONS (DF, REB, RT, GR, ETC.)\*

5166' GR

15. DATE SPUDDED

3/10/82

16. DATE T.D. REACHED

3/22/82

17. DATE COMPL. (Ready to prod.)

4/22/82

20. TOTAL DEPTH, MD &amp; TVD

6213'

21. PLUG, BACK T.D., MD &amp; TVD

6122' MD

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

X

19. ELEV. CASINGHEAD

5168'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5558-75', 5422-31', 4876-84', 4794-4804', 4270-80' Green River

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/ Caliper; Spectralog; ProLog

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	312'	12 1/4"	225 sx Class "G"	None
5 1/2"	15.5#	6212'	8 1/4"	455 sx Class "G"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	4995'	N/A

31. PERFORATION RECORD (Interval, size and number)

5558-75' 4" csg gun 18 holes  
5422-31' 4" csg gun 10 holes  
4876-84', 4794-4804' 4" csg gun 1 spf  
4270-80' 4" csg gun, 1 spf 11 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5558-75'	3500 gals WFC-1 acid
5422-31'	27,000 gals Maxi-O, 36,000#
	20/40, 12,000# 10/20 sand
4876-84, 4794-4804	Same as above

33.\*

PRODUCTION 4270-80' 10,000 gal diesel, 22,400# sand

DATE FIRST PRODUCTION

4/22/82

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Pumping

228 Sentinel Pumping Unit

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
				90	N/A	15	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			90	N/A	15		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

N/A

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

C. E. Rhodes

TITLE

District Production Manager

DATE

5/14/82

\*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-44044
2. NAME OF OPERATOR Enserch Exploration, Inc., EP Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln St. Suite 3600, Denver, CO. 80203		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  816' FWL, 1945' FSL (NW/SW)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-30642	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5166' GR	9. WELL NO. 1-3
		10. FIELD AND POOL, OR WILDCAT Monument Butte Field
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T9S, R17E SLB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐

FRACTURE TREATMENT

REPAIRING WELL

SHOOTING OR ACIDIZING

ALTERING CASING

(Other)

Company Name Change

ABANDONMENT\*

☐  
☐  
☐  
☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A new master limited partnership has been formed by Enserch Corporation to carry on all of the oil and gas operations previously conducted for Enserch Exploration, Inc. EP Operating Company, a Texas limited partnership, has been assigned record ownership of all properties previously operated by Enserch Exploration, Inc., and will be the new Operator of these properties effective May 1, 1985.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Danny E. Hagins*  
Danny E. Hagins

TITLE

District Prod. Supt.  
New Enserch Expl., Inc.  
Managing General Partner

DATE

5/7/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-44044
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A MAY 6 1985
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, CO 80203		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  816' FWL, 1945' FSL (NW SW)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-30642		9. WELL NO. 1-3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5166' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 3, T9S, R17E SLB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	Dog House <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

E P Operating Company requests permission to maintain a 10 x 20 dog house and storage building and to also store extra fittings and tubing on the above-mentioned location. No additional surface area will be required.

RECEIVED

MAY 24 1985

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Danny E. Hagins TITLE Dist. Production Supt.  
Danny E. Hagins TITLE New Enserch Exploration, Inc. DATE 5/21/85  
 (This space for Federal or State office use) TITLE Managing General Partner

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

IN TRIPLICATE\*  
(Instructions on reverse side)

12

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-44044	
2. NAME OF OPERATOR EP Operating Co. (Formerly Enserch Exploration Inc.)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1700 Lincoln Street, Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  816' FWL, 1945' FSL (NW SW)		8. FARM OR LEASE NAME Monument Butte Federal	
14. PERMIT NO. 43-013-30642		9. WELL NO. 1-3	
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5166' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte Field	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 3, T9S, R17E	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	Build Engine Bldg. <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

EP Operating Co. requests permission to build a 8' x 15' x 8' engine building on the above referenced location.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 6/24/85  
BY [Signature]

Federal approval of this action  
is required before commencing  
operations.

18. I hereby certify that the foregoing is true and correct

SIGNED Larry E. Hagins TITLE District Production Supt. DATE 6/13/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-44044
2. NAME OF OPERATOR EP Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR 1700 Lincoln Street, Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 816' FWL, 1945' FSL (NW/SW)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-30642		9. WELL NO. #1-3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5166 GR		10. FIELD AND POOL, OR WILDCAT Monument Butte Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 3, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Erect Engine Bldg. ☒

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Erected 8' x 15' x 8' building over pumping unit engine.  
No additional surface areas were disturbed and the building  
has been painted BLM Desert Sand (flat, non-reflective).

3160-5 To BLM on 11/13/85

18. I hereby certify that the foregoing is true and correct

SIGNED

*Danny E. Hagins*

TITLE Production Superintendent

DATE 11/13/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-44044
2. NAME OF OPERATOR EP Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR 1700 Lincoln Street, Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  816' FWL, 1945' FSL (NW/SE)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-30642		9. WELL NO. #1-3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5166 GR		10. FIELD AND FOOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 3, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☒

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

EP Operating Company intends to acidize the perforations at 5422-31' with 750 gallons of 15% HCL and acidize the perforations at 4876-84' and 4794-4804' with 1500 gallons of 15% HCL acid. It is estimated that this work will be performed during the week of April 6-12, 1986.

**RECEIVED**  
APR 14 1986

DIVISION OF  
OIL, GAS & MINING

Form 3160-5 submitted to the BLM 4/7/86

18. I hereby certify that the foregoing is true and correct

SIGNED

*D.E. Hagins*  
D.E. Hagins

TITLE Prod. Superintendent

DATE 4/7/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Federal approval of this action  
is required before commencing  
operations

\*See Instructions on Reverse Side

*John R. Bays*  
4-15-86

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPlicate  
with instructions on  
reverse side

12

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-44044
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See space 17 below.) At surface  816' FWL, 1945' FSL (NW SW)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-30642		9. WELL NO. 1-3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5166' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 3, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

E P Operating Company treated this well with a total of 1000 gallons of diesel and 4750 gallons of gelled 15% HCL acid. The acid and diesel were divided among the perforations as follows:

Perforations	Diesel Volume	Acid Volume	Treating Pressure	Treating Rate	Date
5558-75'	200 gals.	1000 gals	2530 psi	5 BPM	4/13/86
5422-31'	200 gals.	750 gals	2900 psi	3.7 BPM	4/10/86
4876-84'	200 gals.	1500 gals	2770 psi	4 BPM	4/11/86
4794-4804'	200 gals.	750 gals	2970 psi	4.2 BPM	4/12/86
4220-80'	200 gals.	750 gals	2800 psi	5 BPM	4/12/86

The well was returned to production on April 14, 1986 pumping from all perforations.

FORM 3160-5 Submitted to the BLM 4/23/86.

NOTED DEH

4/23/86

## 18. I hereby certify that the foregoing is true and correct

SIGNED

*J. R. Briscoe*

TITLE Petroleum Engineer

DATE April 23, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CERTIFY OF APPROVAL IF ANY:

APR 26 1986

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPlicate  
or instructions on  
reverse side

2

100916

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-44044
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado 80203		8. FARM OR LEASE NAME Monument Butte Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  816' FWL, 1945' FSL (NW SW)		9. WELL NO. 1-3
14. PERMIT NO. 43-013-30642		10. FIELD AND POOL, OR WILDCAT Monument Butte
15. ELEVATIONS (Show whether OF, AT, OR, etc.) 5166' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 3, T9S, R17E
		13. COUNTY OR PARISH   13. STATE Duchesne   Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Shut-in <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

The Monument Butte Federal #1-3 will be shut-in due to low producing rates. Federal Lease U-44044 will remain under primary term until 12/1/89 and minimum royalty requirements will be met by production from the Monument Butte Federal #2-3, also on Lease #U-44044.

RECEIVED  
OCT 06 1986

DIVISION OF  
OIL, GAS & MINING

NOTED DEH

Form 3160-5 submitted to the BLM 9/30/86

18. I hereby certify that the foregoing is true and correct

SIGNED J. R. Briscoe TITLE Petroleum Engineer DATE 9/30/86  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CORDIAL OF APPROVAL IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

12

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED  
FEB 13 1989

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

EP Operating Company

3. ADDRESS OF OPERATOR

6 Desta Drive, Suite 5250, Midland, TX 79705-5510

4. LOCATION OF WELL (Report location clearly and in accordance with any State well placement regulations. See also space 17 below.)  
At surface

816' FWL, 1945' FSL (NW/SW)

14. PERMIT NO.

43-013-30642

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5166' GR

5. LEASE DESIGNATION AND SERIAL NO.

U-44004

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Monument Butte Federal

9. WELL NO.

1-3

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 3, T9S, R17E, SLM

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Return to Production ☒

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

The Monument Butte Federal Well No. 1-3 was returned to production on September 27, 1988.

18. I hereby certify that the foregoing is true and correct

SIGNED

*A. D. Lee E*

TITLE Production Superintendent

DATE 2/3/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**ENSERCH  
EXPLORATION** INC

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214-369-7893

Edward L. Johnson  
Director  
Land Operations  
Gulf Coast Region

December 2, 1992

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**RECEIVED**

DEC 07 1992

DIVISION OF  
OIL GAS & MINING

ATTENTION: Mr. R. J. Firth

Re: Change of Operator (Form 9)  
Unitah & Duchesne Counties, Utah

Dear Mr. Firth:

Enclosed please find twenty-six (26) Form 9s transferring operations from EP Operating Company to Phoenix Hydrocarbons Operating Corp. If you have any questions regarding the above, please call me at (214) 987-6442.

Yours truly,

  
Dean Edzards

DE:ks  
Enclosure

c: Mr. Randy Bailey  
P. O. Box 2802  
Midland, Texas 79702

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number U-44004
2. Name of Operator EP Operating Company		7. Indian Allottee or Tribe Name N/A
3. Address of Operator 6 Desta Drive, #5250, Midland, TX 79705-5510	4. Telephone Number 915-682-9756	8. Unit or Communitization Agreement N/A
5. Location of Well Footage : 816' FWL, 1,945' FSL (NW/4 SW/4) QQ, Sec. T., R., M. : Section 3, T9S, R17E		9. Well Name and Number Monument Butte Fed. #1-3
		10. API Well Number 4301330642
		11. Field and Pool, or Wildcat Monument Butte

### CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                    | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Approximate Date Work Will Start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from EP Operating Company:

Phoenix Hydrocarbons Operating Corp.  
P. O. Box 2802  
Midland, Texas 79702  
915-682-1186

Effective: September 1, 1992

RECEIVED

DEC 07 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

*Byron W. James*  
(State Use Only) Byron W. James

Title Landman

Date 11/23/92

# Phoenix Hydrocarbons Operating Corp.

January 5, 1993

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Romero

RE: Sundry Notices  
Enserch Exploration Inc. Acquisition

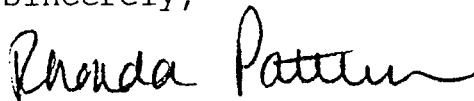
Dear Lisha:

Enclosed you will find the subject Sundry Notices. As per our telephone conversation in early December, we have signed a copy of the original notices which were filed by Enserch Exploration Inc. at the end of November.

In regards to the BLM notices, I am currently working with Enserch Exploration Inc. to get these filed.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

RECEIVED

JAN 13 1993

DIVISION OF  
OIL GAS & MINING

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
 Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number U-44004
2. Name of Operator EP Operating Company		7. Indian Allottee or Tribe Name N/A
3. Address of Operator 6 Desta Drive, #5250, Midland, TX 79705-5510	4. Telephone Number 915-682-9756	8. Unit or Communitization Agreement N/A
5. Location of Well Footage : 816' FWL, 1,945' FSL (NW/4 SW/4) QQ, Sec. T., R., M. : Section 3, T9S, R17E		9. Well Name and Number Monument Butte Fed. #1-3
		10. API Well Number 4301330642
		11. Field and Pool, or Wildcat Monument Butte
County : Duchesne State : UTAH		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<b>NOTICE OF INTENT</b> (Submit in Duplicate) <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>Change of Operator</u></td> </tr> </table> Approximate Date Work Will Start _____	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>		<b>SUBSEQUENT REPORT</b> (Submit Original Form Only) <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> Date of Work Completion _____ <p style="font-size: small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.          * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from EP Operating Company:

Phoenix Hydrocarbons Operating Corp.  
 P. O. Box 2802  
 Midland, Texas 79702  
 915-682-1186

Effective: September 1, 1992

RECEIVED

JAN 13 1993

DIVISION OF  
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

*Byron W. James*  
 (State Use Only) Byron W. James

Title Landman

Date 11/23/92

PHOENIX HYDROCARBONS OPERATING CORP. NAME & SIGNATURE

TITLE/DATE

*CLP* *CLP BALLY*  
*PREB* 12/11/92

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**Phoenix Hydrocarbons Operating Corp.**

3. Address and Telephone No.

**415 West Wall, #703 Midland, TX 79701 (915)682-1186**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW 5W Sec 3, T9S, R17E**

5. Lease Designation and Serial No.

**U-44004**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

**Monument Butte Fed 1-3**

9. API Well No.

**43-013-30642**

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

**Uintah, UT**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

**change of Operator**

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 1, 1992, Phoenix Hydrocarbons Operating Corp. became the Operator of the above named well from EP Operating Company. Reporting responsibilities transferred hands December 1, 1992.

*ENSEKCH*

**RECEIVED**

**MAR 11 1993**

**DIVISION OF  
OIL GAS & MINING**

**VERNAL DIST.**

**ENG. 829 2-19-93**

**GEOL. \_\_\_\_\_**

**E.S. \_\_\_\_\_**

**PET. \_\_\_\_\_**

**A.M. \_\_\_\_\_**

**RECEIVED**

**FEB 08 1993**

14. I hereby certify that the foregoing is true and correct

Signed \_\_\_\_\_

Title **President**

Date **2/4/93**

(This space for Federal or State Office use)

Approved by \_\_\_\_\_

Title **ASSISTANT DISTRICT  
MANAGER MINERALS**

Date **MAR 8 1993**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

02-93-34-4

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1-LTC	<input checked="" type="checkbox"/>
2-DTS 7-LEC	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-RWM	<input checked="" type="checkbox"/>
6-ADA	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-92)

TO (new operator)	<u>PHOENIX HYDRO OPER CORP</u>	FROM (former operator)	<u>EP OPERATING CO. LP</u>
(address)	<u>PO BOX 2802</u>	(address)	<u>6 DESTA DRIVE #5250</u>
	<u>MIDLAND TX 79702</u>		<u>MIDLAND TX 79705-5510</u>
	<u>RHONDA PATTERSON</u>		<u>BYRON JAMES, LANDMAN</u>
	phone <u>(915) 682-1186</u>		phone <u>(915) 682-9756</u>
	account no. <u>N 9880</u>		account no. <u>N 0400</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(filed 12-2-92)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(filed 12-18-92) (filed 1-13-93)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-15-93)*
6. Cardex file has been updated for each well listed above. *(2-15-93)*
7. Well file labels have been updated for each well listed above. *(2-15-93)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-15-93)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no.  
Today's date 3/16/93 1993. If yes, division response was made by letter dated 3/16/93 1993.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 3/16/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.  
3/16/93 to Ed Bonner

## RECORDING

1. All attachments to this form have been microfilmed. Date: March 25 1993.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

930308 BLM/Manual Approved. (Remaining wells involved in C.A.'s & units will be handled on a separate change. Includes 7 wells.

**SNYDER OIL CORPORATION**

1625 Broadway, Suite 2200  
Denver, Colorado 80202  
Phone 303-592-8579



FEB 07 1994

DIVISION OF  
OIL, GAS & MINING

January 13, 1994

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change of Operator  
Sundry Notices

Dear Ms. Cordova:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s wells should be transferred.

If you should have any questions, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven G. Van Hook".

Steven G. Van Hook  
Attorney-in-Fact

Enclosures

INTEROFFICE COMMUNICATION  
SNYDER OIL CORPORATION

TO: George Rooney  
FROM: Steve Van Hook *SVH*  
DATE: January 17, 1994  
RE: Phoenix Acquisition  
Transfer of Operator Forms

RECEIVED  
FEB 07 1994  
DIVISION OF  
OIL, GAS & MINING

Accompanying this memo are the following items related to the Phoenix acquisition which require your further handling:

*Cbkw  
Needs  
Copies*

① Original letter dated 12/20/93 from Phoenix to the State of Utah Oil, Gas & Mining Division, with exhibit listing all wells in which SOCO becomes operator. Please mail ASAP with our enclosed cover letter advising SOCO is assuming operations.

② Separate executed forms to transfer operations on the Southman Canyon SWD #3 well. Please complete the contact portion of these forms and forward for approval with the State of Utah.

3. For the Walker Hollow Unit, enclosed is a 1/14/94 cover letter from Phoenix Hydrocarbon with a Sundry Notice executed by SOCO and Phoenix for the following unit wells:

McLish #1, 2, 3, 4  
Pan Am #2  
Walker Hollow U6, J8

4. For operated wells on Federal lands, a separate file for the following wells is enclosed containing in each three original Sundry Notices of the BLM executed by SOCO and Phoenix. Please file with the BLM in triplicate for the following wells:

Castle Peak 1-3  
Canyon View 1-18  
Crooked Canyon 1-17  
Federal 11-1-M  
Madeline 4-3-C  
Coors 1-14-D  
Baser 5-1

No Name 2-9, 1-9  
Willow Creek #2  
Flat Mesa 2-7  
Flat Mesa 1-7  
Gusher 15-1-A  
Southman Canyon 4-5, 4-4, 1-5  
Baser Draw 6-2, 6-1

Memo Re: Phoenix/Transfer of Operator Forms  
January 17, 1994  
Page 2

Wolf Govt. Federal #1  
Monument Butte 2-3  
Pete's Flat Federal 1-1  
Willow Creek #1  
Cliff Edge Fed 1-15  
E. Gusher No. 3  
Lizzard Creek 1-10  
Federal 3-15  
Monument Butte 1-3

Federal Miller 1  
Sage Brush 1-8  
Bitter Creek Federal 1-3  
White River 1-14  
Southman Canyon SWD #3  
Federal 2-10 HB  
Horseshoe Bend 2  
Natural 1-7 (Love Unit)

Please advise should any questions arise.

SVH/lk

Attachments

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-44004

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Monument Butte 1-

9. API Well No.

43-013-30642

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, UT

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Snyder Oil Corporation

3. Address and Telephone No.

1625 Broadway, #2200, Denver, CO 80202 (303)592-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 3, T-9-S, R-17-E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

Change of Operator

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective January 1, 1994, Snyder Oil Corporation will become the operator of the referenced well from Phoenix Hydrocarbons Operating Corp.

Snyder Oil Corporation is covered under Federal Bond #579354 (Gulf Insurance Company) and Utah State Bond #582488.

RECEIVED

FEB 04 1994

FEB 22 1994

14. I hereby certify that the foregoing is true and correct

Signed

Title

Attorney-in-Fact

Date

1/14/94

(This space for Federal or State office use)

Approved by

HOWARD B. CLEAVINGER II

Title

ASSISTANT DISTRICT  
MANAGER MINERALS

Date

FEB 17 1994

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-44004

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Monument Butte 1-3

9. API Well No.

43-013-30642

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne Co., UT

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Phoenix Hydrocarbons Operating Corp.

3. Address and Telephone No.

415 West Wall, #703 Midland, TX 79701 915-682-1186

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 3, T-9-S, R-17-E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
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☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

Change of Operator

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective January 1, 1994, Snyder Oil Corporation  
will become the Operator of the above referenced  
well.

FEB 22

14. I hereby certify that the foregoing is true and correct

Signed

Title

President

Date

1/14/94

(This space for Federal or State office use)

Approved by

[S] HOWARD B. CLEAVINGER II

Title

ASSISTANT DISTRICT  
MANAGER MINERALS

Date

FEB 17 1994

Conditions of approval, if any:



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799



IN REPLY REFER TO:

3162.3

UT08438

FEB 28 1994

February 17, 1994

Snyder Oil Corporation  
Attn: Mr. Steven C. Van Hook  
1625 Broadway, Suite #2200  
Denver, CO 80202

Re: Well: Monument Butte 1-3  
NESW, Sec. 3, T9S, R17E  
Lease U - 44004  
Uintah County, Utah

Dear Mr. Van Hook:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Snyder Oil Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WY2272, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Wayne Bankert of this office at (801)789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for Minerals

## Phoenix Hydrocarbons Operating Corp.

December 20, 1993

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

FEB 28 1994

Attention: Lisha Cordova

RE: Change Of Operator  
Sundry Notices

Dear Lisha:

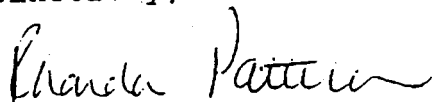
Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be Operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s well should be transfered.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

Post-it™ Fax Note	7671	Date	# of pages ▶ 3
To	Lisha	From	Caryn Brockman
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

# UTAH COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Gulf State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gulf State 36-12	ML-22057	43-047-31864	SEC 36, T-8-S, R-18-E
Gulf State 36-13	ML-22057	43-047-31345	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Parlette Draw 28-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0138484	43-047-30034	SEC 4, T-7-S, R-22-E
Wolf Govt # 1	UTU076939	43-047-15809	SEC 6, T-7-S, R-22-E
McLish #1 (Walker-Hollow)	SL-066341	43-047-20280	SEC 8, T-7-S, R-23-E
McLish #2 (Walker-Hollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (Walker-Hollow)	SL-066341	43-047-30027	SEC 8, T-7-S, R-23-E
McLish #4 (Walker-Hollow)	SL-066341	43-047-30030	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31034	SEC 8, T-7-S, R-23-E
Pen American #2	SL-066341	43-047-30038	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31082	SEC 8, T-7-S, R-23-E
Baser 6-1	UTU076939	43-047-31833	SEC 6, T-7-S, R-22-E
Baser 6-1	UTU076939	43-047-31834	SEC 6, T-7-S, R-22-E
Baser 6-2	UTU076939	43-047-31839	SEC 6, T-7-S, R-22-E
Southman 1-6	UTU33433	43-047-30856	SEC 6, T-10-S, R-23-E
Southman 4-4	UTU33433	43-047-30832	SEC 4, T-10-S, R-23-E
Southman 4-6	UTU33433	43-047-30833	SEC 6, T-10-S, R-23-E
East Gusher 16-1-A	UTU68067	43-047-31900	SEC 16, T-6-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, T-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madeline 4-3-C	UTU42499	43-047-32279	SEC 4, T-7-S, R-21-E
Federal 6-6-H	UTU68999	43-047-31903	SEC 6, T-7-S, R-21-E
Federal 11-1-M	UTU64376	43-047-32333	SEC 11, T-6-S, R-20-E
Flat Mesa 1-7	U-38420	43-047-30362	SEC 7, T-10-S, R-23-E
Flat Mesa 2-7	U-38420	43-047-30546	SEC 7, T-10-S, R-23-E
Crooked Canyon 1-17	U-37355	43-047-30369	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31818	SEC 8, T-11-S, R-20-E
No Name Canyon 1-9	U-37355	43-047-30378	SEC 9, T-10-S, R-23-E
No Name Canyon 2-9	U-37355	43-047-31604	SEC 9, T-10-S, R-23-E
Canyon View Fed 1-18	U-38421	43-047-30379	SEC 18, T-10-S, R-23-E
Alger Pass #1	ML-38213	43-047-31824	SEC 2, T-11-S, R-19-E
Sage Hen 1-6	U-38419	43-047-30362	SEC 6, T-10-S, R-23-E
Sagebrush 1-8	U-37355	43-047-30383	SEC 8, T-10-S, R-23-E
Southman Canyon SWD 3	U-38427	43-047-16880	SEC 16, T-10-S, R-23-E
Jack Rabbit 1-11	U-38425	43-047-30423	SEC 11, T-10-S, R-23-E
Curt Edge 1-16	U-38427	43-047-30462	SEC 16, T-10-S, R-23-E
White River 1-14	U-38427	43-047-30481	SEC 14, T-10-S, R-23-E
Bitter Creek Fed 1-3	U-29797	43-047-30524	SEC 3, T-11-S, R-22-E
Lookout Point 1-16	ML-22186-A	43-047-30544	SEC 16, T-10-S, R-23-E
Pete's Flat Fed 1-1	U-40736	43-047-30558	SEC 1, T-10-S, R-23-E
Sheepherder Fed 1-10	U-38281	43-047-30559	SEC 10, T-10-S, R-23-E
NSO Fed 1-12	U-38422	43-047-30560	SEC 12, T-10-S, R-23-E
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34705	43-047-31775	SEC 27, T-11-S, R-20-E
East Bench #1	U-25880	43-047-31778	SEC 33, T-11-S, R-22-E
Lizzard Creek 1-10	U-26860	43-047-31476	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-065841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-8346	43-047-30148	SEC 7, T-11-S, R-21-E
Boranza Federal 3-16	U-38428	43-047-31278	SEC 16, T-10-S, R-23-E
Lafkas 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40804	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30706	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30617	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30638	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30840	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (Alta)	U-0142176	43-047-15800	SEC 3, T-7-S, R-21-E

**DUCHESNE COUNTY**

<b>Well Name</b>	<b>LEASE NUMBER</b>	<b>API NUMBER</b>	<b>LOCATION</b>
Pleasant Valley 24-32	FEE	43-013-30888	SEC 24, T-4-S, R-2-W
Castle Peak 1-3	U-47172	43-013-30639	SEC 3, T-9-S, R-16-E
Monument Butte 1-3	U-44004	43-013-30642	SEC 3, T-9-S, R-17-E
Monument Butte 2-3	U-61252	43-013-30810	SEC 3, T-9-S, R-17-E

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>FILE</del> <del>CHG</del>
2- <del>DTG</del> <del>7-SJ</del>
3- <del>FILE</del> <del>8-FILE</del>
4- <del>RJE</del>
5- <del>FILE</del>
6- <del>PL</del>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-01-94)

TO (new operator) SNYDER OIL CORPORATION  
 (address) PO BOX 129  
BAGGS WY 82321  
KATHY STAMAN  
 phone (307) 383-2800  
 account no. N 1305

FROM (former operator) PHOENIX HYDRO OPER CORP  
 (address) PO BOX 2802  
MIDLAND TX 79702  
RHONDA PATTERSON  
 phone (915) 682-1186  
 account no. N 9880

Well(s) (attach additional page if needed):

Name: <u>**SEE ATTACHED**</u>	API: <u>013-30642</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-28-94)*
- Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-7-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-28-94)*
- Lec 6. Cardex file has been updated for each well listed above. *(2-28-94)*
- Lec 7. Well file labels have been updated for each well listed above. *(3-2-94)*
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-28-94)*
- Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *(In progress / Phoenix's IDLOC #m416415/80,000 not to be released until replaced \* Both operators aware)*
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon compl. of routing.*
- Lee 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date February 28, 1994. If yes, division response was made by letter dated \_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *3/10/94*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: March 18 1994.

## FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

940228 Partial change only. (see separate change)

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 5

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

RHONDA PATTERSON  
 PHOENIX HYDRO OPER CORP  
 PO BOX 2802  
 MIDLAND TX 79702

UTAH ACCOUNT NUMBER: N9880REPORT PERIOD (MONTH/YEAR): 12 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
NO NAME CANYON 2-9								
✓ 4304731504	01468	10S 23E 9	MVRD			U-37355		
SHEEPHERDER 1-10								
✓ 4304730559	01470	10S 23E 10	MVRD			U-38261	CR-5 (separate chg.)	
JACK RABBIT 1-11								
✓ 4304730423	01475	10S 23E 11	MVRD			U-38424	CR-23/Btm Appr. 2-14-94	
NSO FEDERAL 1-12								
✓ 4304730560	01480	10S 23E 12	MVRD			U-38423	CR-22/Btm Appr. 2-14-94	
CANYON VIEW 1-18								
✓ 4304730379	01485	10S 23E 18	MVRD			U-38421		
SAGE HEN 1-6								
✓ 4304730382	01490	10S 23E 6	MVRD			<del>ML-22186-A</del> U-38419	CR-3 (separate chg.)	
WYKOUT POINT 1-16								
✓ 4304730544	01495	10S 23E 16	MVRD			ML-22186-A		
WHITE RIVER 1-14								
✓ 4304730481	01500	10S 23E 14	MVRD			U-38427		
FLAT MESA 1-7								
✓ 4304730365	01505	10S 23E 7	MVRD			U-38420		
FLAT MESA 2-7								
✓ 4304730545	01506	10S 23E 7	MVRD			U-38420		
PETE'S FLAT 1-1								
✓ 4304730558	01510	10S 23E 1	MVRD			U-40736		
MONUMENT BUTTE 1-3								
✓ 4301330642	01515	09S 17E 3	GRRV			U-44004		
MONUMENT BUTTE 2-3								
✓ 4301330810	01521	09S 17E 3	GRRV			U-44004		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UT-44004**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**JAN 16 1993**

8. Well Name and No.

**Monument Butte 1-3**

9. API Well No.

**43-013-30642**

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

**Duchesne County**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**SNYDER OIL CORPORATION**

3. Address and Telephone No.

**P. O. Box 695, Vernal, UT 84078 801/789-0323**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**816' FWL, 1945' FSL NWSW Sec. 3, T9S, R17E**

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☒ Dispose Water

(Note: Report results of multiple completion or Completion or Recompletion Report and Log f

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Snyder Oil Corporation requests approval to dispose of produced water from the above referenced well.  
Snyder intends to haul any produced water from the location to either the R.N.Industries disposal facility located in T2S, R2W Section 9, Duchesne County or to another approved disposal facility.

14. I hereby certify that the foregoing is true and correct

Signed

*Lucy Nemec*  
Lucy Nemec

Title **Senior Clerk**

Date **12-Jan-96**

(This space for Federal or State office use)

Approved by

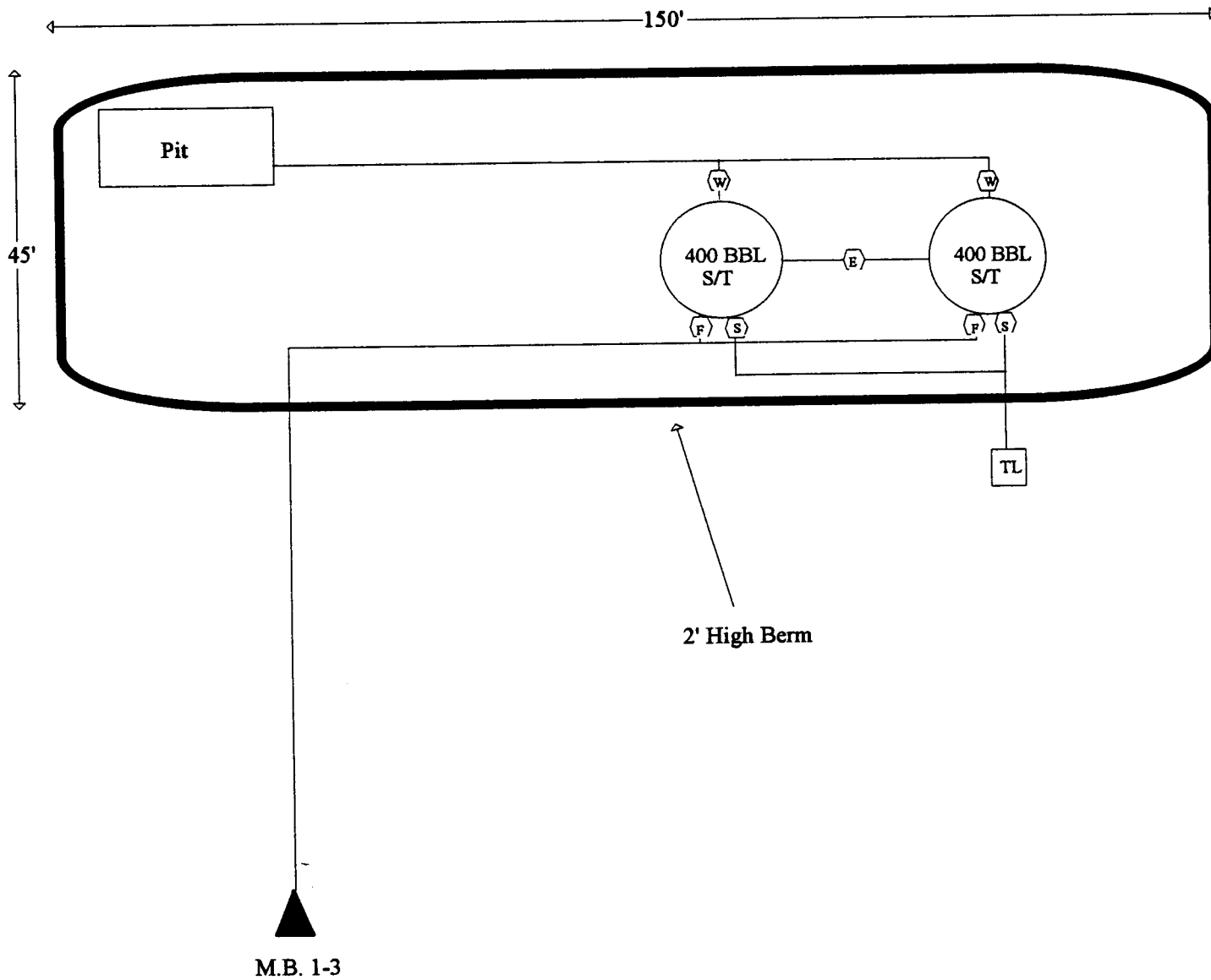
Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**



Snyder Oil Corporation

M.B. 1-3

NWSW Sec 3 T9S R17E  
Duchesne County, UT

Prepared By: JT 8/3/95

BUYS & ASSOCIATES, INC.  
Environmental Consultants



Snyder Oil Corporation

P.O. Box 695  
Vernal, Utah 84078  
801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining  
3 Triad Center, Suite #350  
355 W. North Temple  
Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

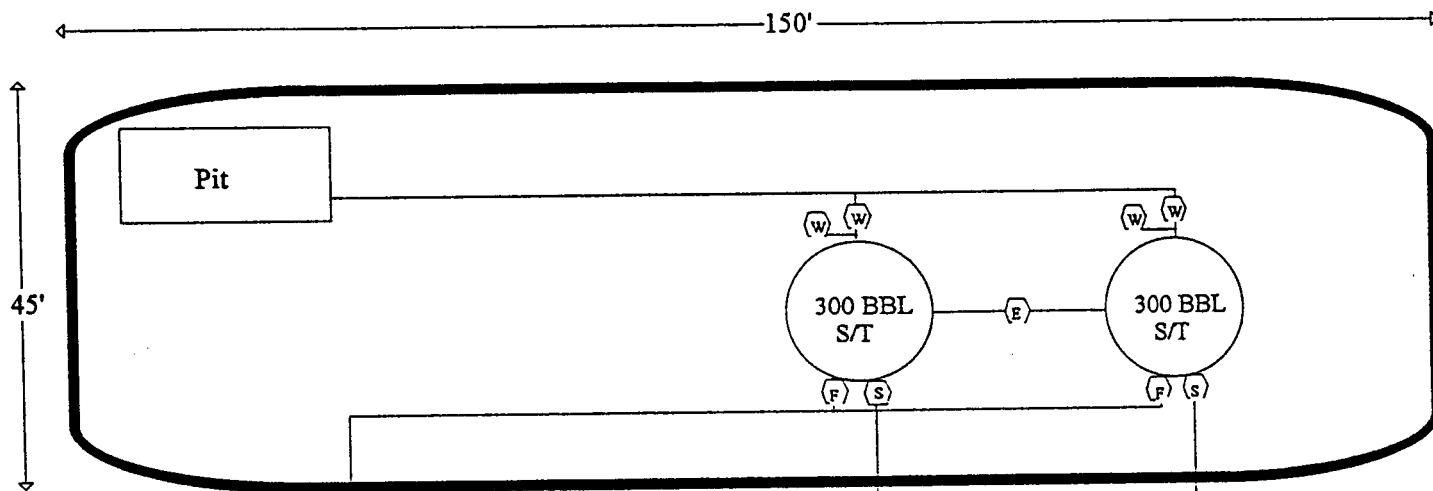
Gentlemen:

Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec  
Senior Clerk



SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION  
P.O. BOX 695  
VERNAL, UT 84078

43-013-30642

Snyder Oil Corporation

Monument Butte 1-3  
NWSW Sec 3 T9S R17E  
Duchesne County, UT  
Lease # U-44004

Prepared By: JT 8/3/95  
Revised By: KR 1/13/96

BUYS & ASSOCIATES, INC.  
Environmental Consultants

# SNYDER OIL CORPORATION

## VALVING DETAIL

(Site Security Diagram Attachment)

### Position of Valves and Use of Seals for Tanks in Production Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

### Position of Valves and Use of Seals for the Tank in Sales Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

\*The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:  
3162.3  
UT08300

December 19, 1996

Kary J. Kaltenbech  
Wildrose Resources Corporation  
4949 South Albion Street  
Littleton, CO 80121

Re: Monument Butte 1-3  
NWSW, Sec. 3, T9S, R17E  
Lease U-44004  
Duchesne County, Utah

Dear Mr. Kaltenbech:

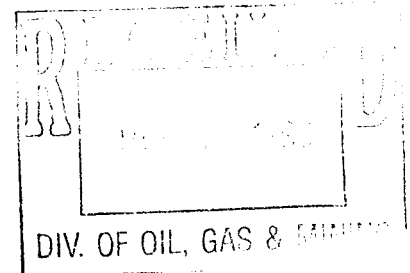
This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Wildrose Resources Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0633, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for  
Minerals Resources

cc: ~~Division Oil, Gas & Mining /~~  
Snyder Oil Corp.



(June 1990)\*

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

NOV 18 1996

NA FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE****1. Type of Well**

☒ Oil Well    ☐ Gas Well    ☐ Other

**2. Name of Operator****WILDROSE RESOURCES CORPORATION****3. Address and Telephone No.****4949 S. ALBION STREET, LITTLETON, CO. 80121****4. Location of Well (Footage, Sec., T., R., m., or Survey Description)**

816' FWL & 1945' FSL (NW $\frac{1}{4}$ SW $\frac{1}{4}$ )  
SECTION 3, T 9S, R 17E

**5. Lease Designation and Serial No.**

U-44004

**6. If Indian, Allottee or Tribe Name****7. If Unit or CA, Agreement Designation****8. Well Name and No.**

MONUMENT BUTTE 1-3

**9. API Well No.**

43-013-306-42

**10. Field and Pool, or Exploratory Area**

MOUMONT BUTTE

**11. County or Parish, State**

DUCHESNE COUNTY, UT

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other CHANGE OF OPERATOR

☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\***

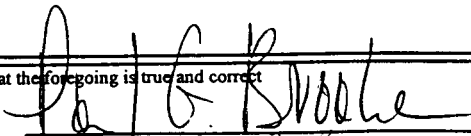
**CHANGE OF OPERATOR FROM SNYDER OIL CORPORATION TO WILDROSE RESOURCES CORPORATION** effective November 1, 1996. Wildrose, as the new operator, will cover this well under it's Statewide Federal Oil and Gas Bond. Wildrose's bond number is 229352 with Allied Mutual Insurance Company and was approved by the B.L.M. on October 26, 1987.

Any questions regarding this lease should be directed to Kary J. Kaltenbacher with Wildrose at 303-770-6566.

Original: BLM - Vernal  
Copy: Utah Oil, Gas & Mining

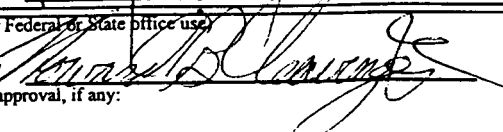
**14. I hereby certify that the foregoing is true and correct**

Signed

Title SR. LANDMANDate 10/31/96

(This space for Federal or State office use)

Approved by



Title

Assistant Field Manager  
Mineral Resources

Date

DEC 20 1996

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**OPERATOR****\*See Instruction on Reverse Side**

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH	7-KDR
3-DTS	8-81
4-VLD	9-FILE
5-RJF	

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 11-01-96

TO: (new operator) WILDROSE RESOURCES CORP  
 (address) 4949 S ALBION ST  
LITTLETON CO 80121  
 Phone: (303) 770-6566  
 Account no. N9660

FROM: (old operator) SNYDER OIL CORPORATION  
 (address) PO BOX 695  
VERNAL UT 84078  
LUCY NEMEC  
 Phone: (801) 789-0323  
 Account no. N1305

WELL(S) attach additional page if needed:

Name: <u>MONUMENT BUTTE 1-3/GR</u>	API: <u>43-013-30642</u>	Entity: <u>1515</u>	S	<u>3</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U44004</u>
Name: <u>MONUMENT BUTTE 2-3/GR</u>	API: <u>43-013-30810</u>	Entity: <u>1521</u>	S	<u>3</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U44004</u>
Name: <u>FEDERAL 15-1-B/GR</u>	API: <u>43-013-31023</u>	Entity: <u>10201</u>	S	<u>15</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U44429</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- \* 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(leg. 12-27-96)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(lec'd 11-19-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-30-96)*
- lec 6. Cardex file has been updated for each well listed above. *(12-30-96)*
- lec 7. Well file labels have been updated for each well listed above. *(12-30-96)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-30-96)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- DTJ  
1/22/97

## FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 1-30-97.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

9/6/230 Reg. Doc. "Snyder".  
9/70/21 Unable to get doc. fr. "Snyder Oil Corp."

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:

**4/15/2004****FROM: (Old Operator):**

N9660-Wildrose Resources Corporation  
3121 Cherryridge Road  
Englewood, CO 80110-6007

Phone: 1-(303) 761-9965

**TO: ( New Operator):**

N5160-Inland Production Company  
1401 17th St, Suite 1000  
Denver, CO 80202

Phone: 1-(303) 893-0102

**CA No.****Unit:****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 43-35	35	080S	180E	4304732721	✓ 11830	Federal	S	OW
WILDROSE FEDERAL 31-1	31	080S	190E	4304731415	✓ 9535	Federal	S	OW
MONUMENT BUTTE 1-3	03	090S	170E	4301330642	✓ 1515	Federal	P	OW
MONUMENT BUTTE 2-3	03	090S	170E	4301330810	✓ 1521	Federal	P	OW
PINEHURST FEDERAL 3-7	03	090S	170E	4301331760	✓ 12108	Federal	P	OW
PINEHURST FEDERAL 3-8	03	090S	170E	4301331761	✓ 12107	Federal	P	OW
RIVIERA FEDERAL 3-11	03	090S	170E	4301331764	✓ 12118	Federal	P	OW
RIVIERA FED 3-9	03	090S	170E	4301332183	✓ 13596	Federal	TA	OW
RIVIERA FED 3-10	03	090S	170E	4301332184	✓ 13597	Federal	TA	OW
FEDERAL 15-1-B	15	090S	170E	4301331023	✓ 10201	Federal	S	OW
BIRKDALE FED 13-34	34	090S	180E	4304732777	✓ 12007	Federal	S	OW
REX LAMB 34-1	34	040S	010E	4304731528	✓ 9690	Fee	S	OW
REX LAMB 34-2	34	040S	010E	4304731692	✓ 9691	Fee	S	OW
NGC ST 33-32	32	080S	180E	4304731116	✓ 6210	State	P	OW
GULF STATE 36-13	36	080S	180E	4304731345	✓ 45	State	P	OW
GULF STATE 36-11	36	080S	180E	4304731350	✓ 40	State	P	OW
GULF STATE 36-12	36	080S	180E	4304731864	✓ 11002	State	S	OW
GULF STATE 36-22	36	080S	180E	4304731892	✓ 11095	State	P	OW
UTD STATE 36-K	36	080S	180E	4304732580	✓ 11752	State	P	OW
UTD STATE 36-M	36	080S	180E	4304732581	✓ 11749	State	S	OW

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/26/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/26/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/10/20034. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: applied for

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 4/28/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/28/2004
3. Bond information entered in RBDMS on: 4/28/2004
4. Fee wells attached to bond in RBDMS on: 4/28/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 4/28/2004

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 4021509 Wildrose

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RN4471290
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 4/28/2004

**COMMENTS:**

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Inland Production Company <i>N5160</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY <i>Denver</i> STATE <i>Co</i> ZIP <i>80202</i>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: See Attached Exhibit
QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		10. FIELD AND POOL OR WILDCAT:
STATE: <i>UTAH</i>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation *N9660*  
3121 Cherryridge Road  
Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Previous Operator Signature:

Title:

NAME (PLEASE PRINT) <u>Marc MacAluso</u>	TITLE <u>CEO, Wildrose Resources Corporation</u>
SIGNATURE <u><i>Marc MacAluso</i></u>	DATE <u>4/15/04</u>

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

APR 26 2004

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Inland Production Company <i>N5160</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY <i>Denver</i> STATE <i>Co</i> ZIP <i>80202</i>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		8. WELL NAME and NUMBER: See Attached Exhibit
QTRQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: <i>UTAH</i>		9. API NUMBER:
10. FIELD AND POOL OR WILDCAT:		11. PHONE NUMBER: <i>(303) 893-0102</i>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation  
3121 Cherryridge Road  
Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Current Contract Operator Signature:

Title:

NAME (PLEASE PRINT) *Bill I. Pennington*

TITLE *President, Inland Production Company*

SIGNATURE *Bill I. Pennington*

DATE *4/15/04*

(This space for State use only)

(5/2000)

(See instructions on Reverse Side)

RECEIVED

APR 26 2004

DIV. OF OIL, GAS & MINING

**EXHIBIT "A"**  
Attached to Sundry Notices

Wildrose Resources Corporation  
and  
Inland Production Company

UNIT	NAME	COM	ENV	LOC	S	DIR	TRD	RM	CG	TYPE
N	4304731528 REX LAMB 34-1	WR	4932° GR	2116 FNL 2132 FEL	34	SWNE	040S	010E	UTA	FEE OW
N	4304731692 REX LAMB 34-2	WR	4932° GR	2018 FNL 1068 FEL	34	SENE	040S	010E	UTA	FEE OW
N	4301331914 HARBOURTOWN FED 21-33	WR	5129° GR	0813 FNL 1938 FWL	33	NENW	080S	170E	DU	U-71368 OW
N	4301331915 HARBOURTOWN FED 42-33	WR	5128° GR	1954 FNL 0851 FEL	33	SENE	080S	170E	DU	U-71368 OW
N	4301331916 HARBOURTOWN FED 23-34	WR	5088° GR	1943 FSL 2162 FWL	34	NESW	080S	170E	DU	U-71368 OW
N	4301331917 HARBOURTOWN FED 44-34	WR	5063° GL	0835 FSL 0500 FEL	34	SESE	080S	170E	DU	U-71368 OW
N	4304732080 FEDERAL #23-26	WR	4910° KB	2113 FSL 1844 FWL	26	NESW	080S	180E	UTA	U-36442 OW
N	4304732700 FEDERAL 24-26	WR	4913° GR	0660 FSL 1980 FWL	26	SESW	080S	180E	UTA	U-36442 OW
N	4304732720 FEDERAL 13-26	WR	4903° GR	2018 FSL 0832 FWL	26	NVSW	080S	180E	UTA	U-36442 OW
N	4304732731 FEDERAL 12-26	WR	4924° GR	2956 FSL 0470 FWL	26	SWNW	080S	180E	UTA	U-36442 GW
N	4304732847 FEDERAL 34-26	WR	4907° GR	0741 FSL 1957 FEL	26	SWSE	080S	180E	UTA	U-75532 OW
N	4304732732 FEDERAL 43-27	WR	4862° GR	1917 FSL 0559 FEL	27	NESE	080S	180E	UTA	U-36442 OW
N	4304732733 FEDERAL 14-28	WR	4902° GR	0860 FSL 0848 FWL	28	SWSW	080S	180E	UTA	U-51081 OW
N	4304732743 FEDERAL 13-28	WR	4955° GR	2007 FSL 0704 FWL	28	NWSW	080S	180E	UTA	U-36442 OW
N	4304731484 PARIETTE FED 10-29	WR	4890° GR	1843 FSL 2084 FEL	29	NWSE	080S	180E	UTA	U-51081 OW
N	4304731550 W PARIETTE FED 8-29	WR	4892° GR	1978 FNL 2141 FWL	29	SENW	080S	180E	UTA	U-36846 OW
N	4304732079 FEDERAL 44-29	WR	4993° KB	0660 FSL 0660 FEL	29	SESE	080S	180E	UTA	U-51081 OW
N	4304732701 FEDERAL 43-29	WR	4886° GR	1904 FSL 0710 FEL	29	NESE	080S	180E	UTA	U-51081 OW
N	4304732742 FEDERAL 34-29	WR	4917° GR	0712 FSL 1925 FEL	29	SWSE	080S	180E	UTA	U-51081 OW
N	4304732848 PARIETTE FED 32-29	WR	4870° GR	1942 FNL 1786 FEL	29	SWNE	080S	180E	UTA	U-36846 OW
N	4304731116 NGC ST 33-32	WR	4930° GR	1914 FSL 1911 FEL	32	NWSE	080S	180E	UTA	ML-22058 OW
N	4304732077 FEDERAL 12-34	WR	4845° KB	1571 FNL 0375 FWL	34	SWNW	080S	180E	UTA	U-51081 OW
N	4304732702 FEDERAL 42-35	WR	4815° GR	1955 FNL 0483 FEL	35	SENE	080S	180E	UTA	U-51081 OW
N	4304732721 FEDERAL 43-35	WR	4870° GR	2077 FSL 0896 FEL	35	NESE	080S	180E	UTA	U-49430 OW
N	4304731345 GULF STATE 36-13	WR	4831° GR	1850 FSL 0600 FWL	36	NWSW	080S	180E	UTA	ML-22057 OW
N	4304731350 GULF STATE 36-11	WR	4837° GR	0677 FNL 0796 FWL	36	NWNW	080S	180E	UTA	ML-22057 OW
N	4304731864 GULF STATE 36-12	WR	4882° GR	1778 FNL 0782 FWL	36	SWNW	080S	180E	UTA	ML-22057 OW
N	4304731892 GULF STATE 36-22	WR	4923° GR	1860 FNL 1980 FWL	36	SENW	080S	180E	UTA	ML-22057 OW
N	4304732580 UTD STATE 36-K	WR	4809° GR	2120 FSL 1945 FWL	36	NESW	080S	180E	UTA	ML-22057 OW
N	4304732581 UTD STATE 36-M	WR	4744° KB	0848 FSL 0848 FWL	36	SWSW	080S	180E	UTA	ML-22057 OW
N	4304731416 WILDROSE FEDERAL 31-1	WR	4871° GR	2051 FSL 0683 FWL	31	NWSW	080S	190E	UTA	U-30103 OW
N	4301330642 MONUMENT BUTTE 1-3	WR	5156° GR	1945 FSL 0816 FWL	03	NWSW	090S	170E	DU	U-44004 OW
N	4301330810 MONUMENT BUTTE 2-3	WR	5107° GR	1918 FNL 1979 FWL	03	SENW	090S	170E	DU	U-44004 OW
N	4301331780 PINEHURST FEDERAL 3-7	WR	5096° GR	2062 FNL 1999 FEL	03	SWNE	090S	170E	DU	61252 OW
N	4301331761 PINEHURST FEDERAL 3-8	WR	5030° GR	1980 FNL 0660 FEL	03	SENE	090S	170E	DU	61252 OW
N	4301331764 RIVIERA FEDERAL 3-11	WR	5123° GR	2050 FSL 2008 FWL	03	NESW	090S	170E	DU	U-44004 OW
N	4301332183 RIVIERA FED 3-9	WR	5030 GR	1922 FSL 0605 FEL	03	NESE	090S	170E	DU	U-44004 OW
N	4301332184 RIVIERA FED 3-10	WR	5108 GR	2100 FSL 2190 FEL	03	NWSE	090S	170E	DU	U-44004 OW
N	4301331023 FEDERAL 16-1-B	WR	5177° GR	0660 FNL 1983 FEL	16	NWNE	090S	170E	DU	U-44429 OW
N	4304732777 BIRKDALE FED 13-34	WR	5067° GR	1768 FSL 0815 FWL	34	NWSW	090S	180E	UTA	U-68618 OW

END OF EXHIBIT

RECEIVED  
APR 26 2004  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

May 21, 2004

Bill I. Pennington  
Inland Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Wells: Monument Butte Fed. 1-3  
NWSW, Sec. 3, T9S, R17E  
Riviera Federal 3-10  
NWSE, Sec. 3, T9S, R17E  
Riviera Federal 3-11  
NESW, Sec. 3, T9S, R17E  
Duchesne County, Utah  
Lease No. U-44004

Dear Mr. Pennington:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood  
Petroleum Engineer

cc: UDOGM  
Wildrose Resources Corp.

RECEIVED  
MAY 27 2004  
DIV. OF OIL, GAS & MINING

(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

## 1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

## 2. Name of Operator

INLAND PRODUCTION COMPANY

## 3. Address and Telephone No.

1401 17TH STREET, SUITE 1000, DENVER, CO 80202 (303)893-0102

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

## 5. Lease Designation and Serial No.

See Attached Exhibit

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

## 8. Well Name and No.

See Attached Exhibit

## 9. API Well No.

See Attached Exhibit

## 10. Field and Pool, or Exploratory Area

## 11. County or Parish, State

Uintah Co., Utah

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Abandonment☐ Change of Plans☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment Notice☐ Plugging Back☐ Non-Routine Fracturing☐ Casing repair☐ Water Shut-off☐ Altering Casing☐ Conversion to Injection☒ Other Change of Operator☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells.  
The previous operator was:

Wildrose Resources Corporation  
3121 Cherryridge Road  
Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

I hereby certify that the foregoing is true and correct. (Current Contract Operator)

Signed

*Bill I. Pennington*  
Bill I. Pennington

Title

President, Inland Production Company

Date

4/15/04

(This space of Federal or State office use.)

Approved by

*Karl Fulwood*

Title

Petroleum Engineer

Date

5/20/04

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

EXHIBIT "A"  
Attached to Sundry Notices

Wildrose Resources Corporation  
and  
Inland Production Company

Unit	API	Well	Comp.	Elev.	Loc.	S.	1/4 1/4	Twp	Rng	Co.	Lease	Type
N	4304731528	REX LAMB 34-1	WR	4932* GR	2116 FNL 2132 FEL	34	SWNE	040S	010E	UTA	FEE	OW
N	4304731692	REX LAMB 34-2	WR	4932* GR	2018 FNL 1068 FEL	34	SENE	040S	010E	UTA	FEE	OW
N	4301331914	HARBOURTOWN FED 21-33	WR	5129* GR	0513 FNL 1938 FWL	33	NENW	080S	170E	DU	U-71368	OW
N	4301331915	HARBOURTOWN FED 42-33	WR	5128* GR	1954 FNL 0851 FEL	33	SENE	080S	170E	DU	U-71368	OW
N	4301331916	HARBOURTOWN FED 23-34	WR	5088* GR	1943 FSL 2162 FWL	34	NESW	080S	170E	DU	U-71368	OW
N	4301331917	HARBOURTOWN FED 44-34	WR	5063* GL	0835 FSL 0500 FEL	34	SESE	080S	170E	DU	U-71368	OW
N	4304732080	FEDERAL #23-26	WR	4910* KB	2113 FSL 1844 FWL	26	NESW	080S	180E	UTA	U-36442	OW
N	4304732700	FEDERAL 24-26	WR	4913* GR	0660 FSL 1980 FWL	26	SESW	080S	180E	UTA	U-36442	OW
N	4304732720	FEDERAL 13-26	WR	4905* GR	2018 FSL 0832 FWL	26	NWSW	080S	180E	UTA	U-36442	OW
N	4304732731	FEDERAL 12-26	WR	4924* GR	2956 FSL 0470 FWL	26	SWNW	080S	180E	UTA	U-36442	GW
N	4304732847	FEDERAL 34-26	WR	4907* GR	0741 FSL 1957 FEL	26	SWSE	080S	180E	UTA	U-75532	OW
N	4304732732	FEDERAL 43-27	WR	4862* GR	1917 FSL 0559 FEL	27	NESE	080S	180E	UTA	U-36442	OW
N	4304732733	FEDERAL 14-28	WR	4902* GR	0860 FSL 0846 FWL	28	SWSW	080S	180E	UTA	U-51081	OW
N	4304732743	FEDERAL 13-28	WR	4955* GR	2007 FSL 0704 FWL	28	NWSW	080S	180E	UTA	U-36442	OW
N	4304731464	PARIETTE FED 10-29	WR	4890* GR	1843 FSL 2084 FEL	29	NWSE	080S	180E	UTA	U-51081	OW
N	4304731550	W PARIETTE FED 6-29	WR	4892* GR	1978 FNL 2141 FWL	29	SENE	080S	180E	UTA	U-36846	OW
N	4304732079	FEDERAL 44-29	WR	4993* KB	0660 FSL 0660 FEL	29	SESE	080S	180E	UTA	U-51081	OW
N	4304732701	FEDERAL 43-29	WR	4886* GR	1904 FSL 0710 FEL	29	NESE	080S	180E	UTA	U-51081	OW
N	4304732742	FEDERAL 34-29	WR	4917* GR	0712 FSL 1925 FEL	29	SWSE	080S	180E	UTA	U-51081	OW
N	4304732848	PARIETTE FED 32-29	WR	4870* GR	1942 FNL 1786 FEL	29	SWNE	080S	180E	UTA	U-36846	OW
N	4304731116	NGC ST 33-32	WR	4930* GR	1914 FSL 1911 FEL	32	NWSE	080S	180E	UTA	ML-22058	OW
N	4304732077	FEDERAL 12-34	WR	4845* KB	1571 FNL 0375 FWL	34	SWNW	080S	180E	UTA	U-51081	OW
N	4304732702	FEDERAL 42-35	WR	4815* GR	1955 FNL 0463 FEL	35	SENE	080S	180E	UTA	U-51081	OW
N	4304732721	FEDERAL 43-35	WR	4870* GR	2077 FSL 0696 FEL	35	NESE	080S	180E	UTA	U-49430	OW
N	4304731345	GULF STATE 36-13	WR	4831* GR	1850 FSL 0600 FWL	36	NWSW	080S	180E	UTA	ML-22057	OW
N	4304731350	GULF STATE 36-11	WR	4837* GR	0677 FNL 0796 FWL	36	NWNW	080S	180E	UTA	ML-22057	OW
N	4304731864	GULF STATE 36-12	WR	4882* GR	1778 FNL 0782 FWL	36	SWNW	080S	180E	UTA	ML-22057	OW
N	4304731892	GULF STATE 36-22	WR	4923* GR	1860 FNL 1980 FWL	36	SENE	080S	180E	UTA	ML-22057	OW
N	4304732580	UTD STATE 36-K	WR	4809* GR	2120 FSL 1945 FWL	36	NESW	080S	180E	UTA	ML-22057	OW
N	4304732581	UTD STATE 36-M	WR	4744* KB	0848 FSL 0648 FWL	36	SWSW	080S	180E	UTA	ML-22057	OW
N	4304731415	WILDROSE FEDERAL 31-1	WR	4871* GR	2051 FSL 0683 FWL	31	NWSW	080S	190E	UTA	U-30103	OW
N	4301330642	MONUMENT BUTTE 1-3	WR	5156* GR	1945 FSL 0816 FWL	03	NWSW	090S	170E	DU	U-44004	OW
N	4301330810	MONUMENT BUTTE 2-3	WR	5107* GR	1918 FNL 1979 FWL	03	SENE	090S	170E	DU	U-44004	OW
N	4301331760	PINEHURST FEDERAL 3-7	WR	5096* GR	2062 FNL 1999 FEL	03	SWNE	090S	170E	DU	61252	OW
N	4301331761	PINEHURST FEDERAL 3-8	WR	5030* GR	1980 FNL 0660 FEL	03	SENE	090S	170E	DU	61252	OW
N	4301331764	RIVIERA FEDERAL 3-11	WR	5123* GR	2050 FSL 2008 FWL	03	NESW	090S	170E	DU	U-44004	OW
N	4301332183	RIVIERA FED 3-9	WR	5030 GR	1922 FSL 0605 FEL	03	NESE	090S	170E	DU	U-44004	OW
N	4301332184	RIVIERA FED 3-10	WR	5108 GR	2100 FSL 2190 FEL	03	NWSE	090S	170E	DU	U-44004	OW
N	4301331023	FEDERAL 15-1-B	WR	5177* GR	0660 FNL 1983 FEL	15	NWNE	090S	170E	DU	U-44429	OW
N	4304732777	BIRKDALE FED 13-34	WR	5067* GR	1768 FSL 0615 FWL	34	NWSW	090S	180E	UTA	U-68618	OW

END OF EXHIBIT

JAN 2 / 2005

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

INLAND  
OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	01515	12391	43-013-30642	Monument Butte 1-3	NW/SW	3	9S	17E	Duchesne		12/1/2004
WELL 1 COMMENTS: <u>GRUV</u> <u>1/31/05</u>											
C	01521	12391	43-013-30810	Monument Butte 2-3	SE/NW	3	9S	17E	Duchesne		12/1/2004
WELL 2 COMMENTS: <u>GRUV</u> <u>1/31/05</u>											
C	12107	12391	43-013-31761	Pinehurst Federal 3-8	SE/NE	3	9S	17E	Duchesne		12/1/2004
WELL 3 COMMENTS: <u>GRUV</u> <u>1/31/05</u>											
C	12108	12391	43-013-31760	Pinehurst Federal 3-7	SW/NE	3	9S	17E	Duchesne		12/1/2004
WELL 4 COMMENTS: <u>GRUV</u> <u>1/31/05</u>											
C	12118	12391	43-013-31764	Riviera Federal 3-11	NE/SW	3	9S	17E	Duchesne		12/1/2004
WELL 5 COMMENTS: <u>GRUV</u> <u>1/31/05</u>											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/15)

Kebbie S. Jones  
Signature  
Kebbie S. Jones  
Production Clerk  
January 27, 2005  
Title Date

PAGE 02

INLAND

4356463031

01/27/2005 14:19



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

CA No.

Unit:

**WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ALLEN TRUST 7-24	24	040S	020W	4301330888	4970	Fee	OW	P
WELLS DRAW ST 7-36	36	080S	150E	4301330934	9730	State	GW	P
JENSEN 1	21	080S	160E	4301316208	10521	Federal	NA	PA
PLEASANT VALLEY 1	21	080S	160E	4301330394	10520	Federal	OW	P
LAMBERT FED 1	22	080S	160E	4301316207	10522	Federal	OW	P
MONUMENT BUTTE ST 16-36R	36	080S	160E	4301310159	11804	State	OW	P
ASHLEY FED 10-24R	24	090S	150E	4301315781	11992	Federal	OW	P
ASHLEY FED 12-24R	24	090S	150E	4301315782	11993	Federal	OW	P
CASTLE PK ST 43-16	16	090S	160E	4301330594	1181	State	OW	P
FEDERAL 9-23	23	090S	160E	4301330654	2655	Federal	OW	P
FEDERAL 7-23	23	090S	160E	4301330662	10629	Federal	OW	S
CASTLE PEAK FED 6-23	23	090S	160E	4301330873	9700	Federal	OW	P
CASTLE PK FED 12-24	24	090S	160E	4301330588	2650	Federal	OW	S
MONUMENT BUTTE 1-3	03	090S	170E	4301330642	12391	Federal	OW	P
MONUMENT BUTTE 2-3	03	090S	170E	4301330810	12391	Federal	OW	P
CASTLE DRAW 16-10-9-17	10	090S	170E	4301316218	8120	Federal	OW	S
FEDERAL 15-1-B	15	090S	170E	4301331023	10201	Federal	OW	S
FRED MORRIS FED 19-1	19	090S	170E	4301330587	451	Federal	OW	S
GOVERNMENT FOWLER 20-1	20	090S	170E	4301330563	9555	Federal	OW	P
FED 41-30	30	090S	170E	4301330601	6095	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
999 18<sup>TH</sup> STREET - SUITE 200  
DENVER, CO 80202-2466  
Phone 800-227-8917  
<http://www.epa.gov/region08>

MAY 18 2006

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

David Gerbig  
Operations Engineer  
Newfield Production Company  
1401 Seventeenth Street - Suite 1000  
Denver, CO 80202

RECEIVED

MAY 22 2006

DIV. OF OIL, GAS & MINING

43,013,30642  
95 NE 3

RE: Additional Well to Castle Draw Area Permit  
UIC Permit No. UT20776-00000  
Well ID: UT20776-06973  
Monument Butte Federal No. 1-3-9-17  
Duchesne County, Utah

Dear Mr. Gerbig:

The Newfield Production Company (Newfield) request to convert the shut-in Monument Butte Federal No. 1-3-9-17 to a Green River Formation enhanced recovery injection well is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization For Additional Well.

The addition of the Monument Butte Federal No. 1-3-9-17, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 Code of Federal Regulations (CFR) §144.33 (c) and terms of the Castle Draw Area Permit, Underground Injection Control (UIC) Area Permit No. UT20776-00000. Unless specifically mentioned in the enclosed Authorization For Additional Well, the Monument Butte Federal No. 1-3-9-17 is subject to all terms and conditions of the UIC Area Permit UT20776-00000 as modified.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and Newfield has received written authorization from the Director to begin injection. Please note that the permit limits injection to the gross interval within the Green River Formation between the depths of 3719 feet and the top of the Wasatch Formation at 6045 feet.



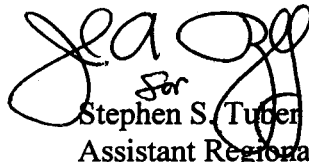
Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval the following: (1) the results of a **Part I (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) and a completed **EPA Form No. 7520-12** (Well Rework Record) with a new schematic diagram.

Within a 180-day Limited Authorization to Inject period, the permittee will submit the results of a successful **Part II (External) MIT**.

The initial Maximum Allowable Injection Pressure (MAIP) for the Monument Butte Federal No. 1-3-9-17 was determined to be **1345 psig**. UIC Area Permit UT20776-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a Step-Rate Test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Mr. Dan Jackson at (303) 312-6155 or 1-800-227-8917 (Ext. 6155). Please submit the required data to the **ATTENTION: DAN JACKSON**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,

 For DHThomas  
Stephen S. Tuder  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

encl: Authorization For Conversion of An Additional Well  
EPA Form No. 7520-12 (Well Rework Record)  
Schematic Diagram: Monument Butte Federal No. 1-3-9-17  
Ground Water Section Guidance No. 37 (Part II External MIT)  
Ground Water Section Guidance No. 39 (Part I Internal MIT)

cc: without enclosures  
Maxine Natchees  
Acting Chairperson  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Chester Mills  
Superintendent  
BIA - Uintah & Ouray Indian Agency

cc: with enclosures

Lynn Becker  
Director  
Energy & Minerals Dept.  
Ute Indian Tribe

S. Elaine Willie  
Environmental Coordinator  
Ute Indian Tribe

Michael Guinn  
Vice President - Operations  
Newfield Production Company  
Myton, UT 84052

Gilbert Hunt  
Technical Services Manager  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
U.S. Bureau of Land Management  
Vernal, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
999 18<sup>TH</sup> STREET - SUITE 200  
DENVER, CO 80202-2466  
Phone 800-227-8917  
<http://www.epa.gov/region08>

**AUTHORIZATION FOR ADDITIONAL WELL**

**UNDERGROUND INJECTION CONTROL (UIC) AREA PERMIT NO: UT20776-00000**

The Final UIC Castle Draw Area Permit No. UT20776-00000, effective November 29, 1995, authorized enhanced recovery injection into the Garden Gulch and Douglas Creek Members of the Green River Formation. A Major Permit Modification No. 1, effective September 9, 2003, authorized injection for the purpose of enhanced oil recovery into multiple lenticular sand and carbonate units which are distributed throughout the Garden Gulch-Douglas Creek- Basal Carbonate Members of the Green River Formation. On August 19, 2005, the permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

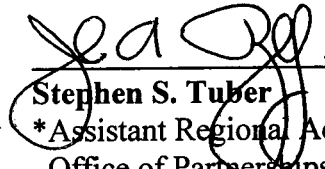
Well Name:	<b><u>Monument Butte Federal No. 1-3-9-17</u></b>
EPA Well ID Number:	<b><u>UT20776-06973</u></b>
Location:	1945 ft FSL & 816 ft FWL NW SW Sec. 3 - T9S - R17E Duchesne County, Utah.

Pursuant to 40 Code of Federal Regulations (CFR) §144.33, Castle Draw Area UIC Permit No. UT20776-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the Permit.

This well is subject to all provisions of UIC Area Permit No. UT20776-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 5/17/06

*for*  *for* DH Thomas  
**Stephen S. Tuber**  
\*Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

*\* The person holding this title is referred to as the Director throughout the Permit and Authorization*



## WELL-SPECIFIC REQUIREMENTS

Well Name: Monument Butte Federal No. 1-3-9-17

EPA Well ID Number: UT20776-06973

**Prior to commencing injection operations, the permittee shall submit the following information and receive written Authority to Inject from the Director: (II. C. Condition 2).**

1. a successful Part I (Internal) Mechanical Integrity Test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram; and an EPA approved

### **Approved Injection Zone:**

**(II. C. Condition C. 4)**

Injection is approved between the top of the Green River Formation Garden Gulch Member (3719 feet) and the top of the Wasatch Formation at 6045 feet.

The Permittee has cited current perforations proposed for enhanced recovery injection, i.e., gross 4270 feet - 5575 feet. The permittee is also authorized to perforate any additional intervals for enhanced recovery injection between the top of the Garden Gulch Member and the top of the Wasatch Formation during well conversion.

### **Determination of a Fracture Gradient:**

**((II. C. Condition 5. b. 1.))**

*"Using sand fracture treatment data, the EPA will calculate the Maximum Allowable Injection Pressure (MAIP) for each treated (sand-frac) interval using the instantaneous shut-in pressure (ISIP) from that interval. The minimum injection pressure calculated shall be the initial maximum allowable injection pressure limit for that well."*

Of the three (3) sand/frac treatments conducted on the Monument Butte Federal No. 1-3-8-17, the minimum calculated fracture gradient (FG) is 0.75 psi/ft; a value in accord with FGs derived from Step-Rate Tests (SRT) in contiguous sections.

### **Maximum Allowable Injection Pressure (MAIP):**

**(II. C. Condition 5).**

The initial MAIP is **1345 psig**, based on the following calculation and a cited "top perforation":

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] D, \text{ where} \\ \text{FG} &= 0.75 \text{ psi/ft} \\ \text{SG} &= 1.005 \\ D &= 4270 \text{ ft (Top perforation depth)} \end{aligned}$$

$$\text{MAIP} = 1344 \text{ psig, but increased to } \mathbf{1345 \text{ psig.}}$$

UIC Area Permit No. UT20776-00000 also provides the opportunity for the permittee to request a change of the MAIP based upon results of a Step-Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

### **Well Construction and Corrective Action:**

**(II. A).**

**Corrective Action is required.** The permittee shall be required to conduct a Part II (External) Mechanical Integrity Test (MIT) within a 180-day period following commencement of injection. The permittee cannot locate a Cement Bond Log for the Monument Butte Federal No. 1-3-9-17.

**Tubing and Packer:**

**(II. A. Condition 3).**

2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 100 ft above the top perforation.

**Corrective Action for Wells in Area of Review:** **No Corrective Action is required.** The following Green River oil wells within or proximate to a one-quarter (1/4) mile radius around the Monument Butte Federal No. 1-3-9-17 were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs. Other than a weekly inspection of each location for surface injectate leakage, no corrective action is required.

Castle Draw Federal 9-4-9-17

● NE SE Section 4 - T9S - R17E

Balcron Monument Federal 14-3Y-9-17

● SW SW Section 3 - T9S - R17E

Riviera Federal 3-11

● NE SW Section 3 - T9S - R17E

**Demonstration of Mechanical Integrity:**

**(II. C. Condition 3).**

A successful demonstration of (Part I (Internal) and Part II (External) Mechanical Integrity Tests using a standard Casing-Tubing pressure test is required prior to injection and each at least once every five years thereafter. No cement bond log is available to the permittee, and therefor the EPA is not able to establish an effective cement barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR 146.8 (a)(2).

Part II (External) Mechanical Integrity will be successfully demonstrated within a 180-day Limited Authorization to Inject period which will begin on the date that injection began.

**Demonstration of Financial Responsibility:**

**(II. F. Condition 1).**

The applicant has demonstrated financial responsibility via an Annual Statement that has been reviewed and approved by the EPA. The Plugging and Abandonment cost has been estimated by the permittee to be \$32,500.

**(II. E. Condition 2).**

**Plugging and Abandonment:**

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 100 ft above the top perforation. Place at least fifty (50) feet of cement plug on top of the CIBP.

PLUG NO. 2: Set a cement plug inside of the 5-1/2" casing from 2000 feet to 2300 feet across the top of the Green River Formation and a water zone,

PLUG NO. 3: Perforate with 4 JSPF at 362 feet. Circulate Class "G" cement down the 5-1/2 inch casing and up the 5-1/2 inch X 8-5/8 inch casings annulus to the surface.

Cut off surface and 5-1/2" casing at least 4 ft below ground level. Set P&A marker. Submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

**Reporting of Noncompliance:**

**(III. E.)**

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

**Twenty-Four Hour Noncompliance Reporting:**

**(II. E.)**

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1.800.227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at 303.293.1788 if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting:

(II. E.).

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the National Response Center (NRC) 1.800.424.8802 or 202.267.2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

Other Noncompliance:

(II. E.).

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information:

(II. E.)

Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

**WELL-SPECIFIC CONSIDERATIONS**

Well Name: **Monument Butte Federal No. 1-3-9-17**

EPA Well ID Number: **UT20776-06973**

**Current Status:** The Monument Butte Federal No. 1-3-9-17 is a producing Garden Gulch-Douglas Creek Members oil well currently waiting on EPA authorization to complete/convert to a Class II Green River Formation enhanced recovery injection well.

**Underground Sources of Drinking Water (USDWs):** USDWs in the Castle Draw Area Permit generally occur within the Uinta Formation. According to the "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 25 feet below ground surface.

**<http://NRWRT1.NR.STATE.UT.US>**: (Water Rights...Queries...POD). Within the one-quarter (1/4) mile Area-of-Review (AOR) around the Monument Butte Federal No. 1-3-9-17 there are no reservoirs, streams, springs, domestic or agricultural water wells.

**Composition of Injectate and Formation Water: (Total Dissolved Solids [TDS])**

- TDS of Garden Gulch/Douglas Creek Green River Formation water: 29,777 mg/l (Analysis: 7/22/05).
- TDS of Johnson Water District Reservoir: 674 mg/l (Analysis: 1/10/05)
- TDS blended injectate: 15,831 mg/l. Blended at pump facility with Source Water and Castle Draw Unit produced water (Analysis 7/27/05).

**Confining Zone:**

The Confining Zone is twenty-one (21) feet of shale between the depths of 3698 feet and 3719 feet (KB) which directly overlies the Garden Gulch Member of the Green River Formation. There is no CBL available to establish the presence of adequate annulus bond within this interval.

**Injection Zone:**

**(II. C. 4.)**

The Injection Zone is an approximately 2326-foot section of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3719 ft (KB) to the top of the Wasatch Formation at 6045 feet KB). All Formation and Formation Member tops are based on correlation to the Federal No.1-26-8-17 Type Log (UT20702-04671).

**Well Construction:**

**(II. A. 1. ).**

There is no CBL across the Confining Zone to show annulus cement bond.

Surface Casing: 8-5/8" casing is set at 312 (KB) in a 12-1/4" hole, using 225 sacks of cement which was circulated to the surface.

Longstring: 5-1/2" casing is set at 6212 feet (KB) in a 7-7/8" hole and secured with 455 sacks of cement. Calculated top of cement (TOC) by EPA: 2950 feet.

Perforations: Gross Perforations: 4270 feet to 5575 feet.

**Step-Rate Test (SRT):**

**(II. C. 2. d.).**

A Step-Rate Test may be required to confirm that the initial maximum authorized injection pressure (MAIP), based on sand/frac treatments, is appropriate to ensure that pressure during injection will not initiate new fractures or propagate existing fractures in the confining zone.

**Wells in Area of Review (AOR):**

Construction and cementing records, including cement bond logs (CBL) for two (2) wells in the 1/4 mile AOR that logged the confining zone, and one well that did not cement bond log the AOR were reviewed. No well had 80% bond index cement bond across the Confining Zone.

The permittee shall observe the surface location of the all wells cited below for surface leakage on a weekly basis. Should such injectate contamination be observed at the surface, the permittee shall immediately suspend injection into the Monument Butte Federal No.1-3-9-17. The Monument Butte Federal No. 1-3-9-17 will stay suspended until the noncompliance has been resolved. Renewed injection shall be authorized by letter from the Director.

Well: Castle Draw 9-4-9-17	●	80% bond index cement:4774'- 4826'
Well: Balcron Monument Fed. 14-3Y-9-17	●	80% bond index cement:4118'- 4188'
Well: Riviera Federal 3-11	●	No CBL across Confining Zone. 80% bond index cement: 3933' - 3990'



# Monument Butte Federal #1-3

Spud Date: 3/10/82

Put on Production: 4/22/82

GL: 5166' KB: 5176'

Initial Production: 90 BOPD,  
NO GAS, 15 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE:

WEIGHT: 24#

LENGTH:

DEPTH LANDED: 312'

HOLE SIZE: 12 1/4"

CEMENT DATA: 225 sxs cmt.

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE:

WEIGHT: 15.5#

LENGTH:

DEPTH LANDED: 6212'

HOLE SIZE: 8 1/4"

CEMENT DATA: 455 sxs cement

CEMENT TOP AT: 2950' (per CBL)

## TUBING

SIZE/GRADE/WT.: 2-3/8"

NO. OF JOINTS: 158 jts.

TUBING ANCHOR. @ 4895'

NO. OF JOINTS: 1 jts.

SEATING NIPPLE: @ 4929'

NO. OF JOINTS: 1 jts.

TOTAL STRING LENGTH: EOT @ 4961'

## Proposed Injection

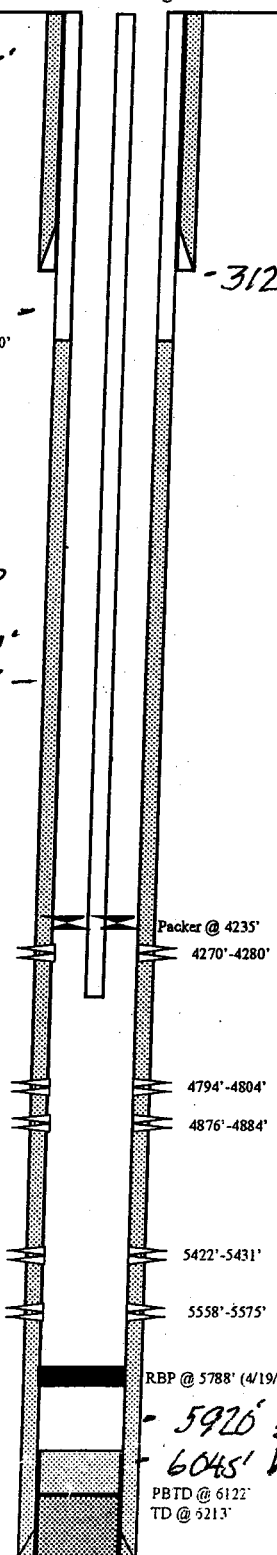
## Wellbore Diagram

## FRAC JOB

4/2/82	5422'-5575'	Frac zone with 36,000# 20/40 sand + 12,000# 10/20 sand in 643 bbls fluid. Treated @ avg press of 1900 psi w/avg rate of 30 BPM. ISIP 1700 psi.
4/8/82	4794'-4884'	Frac zone with 36,000# 20/40 sand + 12,000# 10/20 sand in 643 bbls fluid. Treated @ avg press of 2400 psi w/avg rate of 30 BPM. ISIP 2300 psi. 755 barrels to recover.
4/14/82	4270'-4280'	Frac zone with 16,000# 20/40 sand + 6,400# 10/20 sand in 238 bbls fluid. Treated @ avg press of 2500 psi w/avg rate of 30 BPM. ISIP 2200 psi.
4/10/86	5422'-5431'	Treated Perf. as follows: Treated perms w/ 200 gallons diesel and 750 gallons gelled 15% HCL acid. Treated @ avg press of 2900 psi w/avg rate of 3.5 BPM. ISIP 2130 psi. Recovered 27 barrels.
4/11/86	4876'-4884'	Treated Perf. as follows: Treated perms w/ 200 gallons diesel and 1500 gallons gelled 15% HCL acid. Treated @ avg press of 2800 psi w/avg rate of 4 BPM. ISIP 1800 psi. Recovered 28 barrels.
4/12/86	4794'-4804'	Treated Perf. as follows: Treated perms w/ 200 gallons diesel and 750 gallons gelled 15% HCL acid. Treated @ avg press of 2900 psi w/avg rate of 4.4 BPM. ISIP 1800 psi. Recovered 15 barrels.
4/12/86	4270'-4280'	Treated Perf. as follows: Treated perms w/ 200 gallons diesel and 750 gallons gelled 15% HCL acid. Treated @ avg press of 2700 psi w/avg rate of 5 BPM. ISIP 1500 psi. Recovered 17 barrels.
4/13/86	5558'-5575'	Treated Perf. as follows: Treated perms w/ 200 gallons diesel and 1000 gallons gelled 15% HCL acid. Treated @ avg press of 2500 psi w/avg rate of 5 BPM. ISIP 900 psi. Recovered 48 barrels.
8/5/03		Pump change.
1/28/04		Hole in tubing.

## PERFORATION RECORD

3/26/82	5558'-5575'	1 SPF	18 holes
3/31/82	5422'-5431'	1 SPF	10 holes
4/07/82	4876'-4884'	1 SPF	08 holes
4/07/82	4794'-4804'	1 SPF	10 holes
4/14/82	4270'-4280'	1 SPF	10 holes



## NEWFIELD

## Monument Butte Federal #1-3

1945' FSL & 816' FWL

NW/SW Section 3-T9S-R17E

Duchesne Co, Utah

API #43-013-30642 Lease #UTU-44004



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 300  
DENVER, COLORADO 80202-2466

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 37  
Demonstrating Part II (external) Mechanical Integrity  
for a Class II injection well permit.

FROM: Tom Pike, Chief  
UIC Direct Implementation Section

TO: All Section Staff  
Montana Operations Office

During the review for a Class II injection well permit, consideration must be given to the mechanical integrity (MI) of the well. MI demonstrates that the well is in sound condition and that the well is constructed in a manner that prevents injected fluids from entering any formation other than the authorized injection formation.

A demonstration of MI is a two part process:

PART I - INTERNAL MECHANICAL INTEGRITY is an assurance that there are no significant leaks in the casing/tubing/packer system.

PART II - EXTERNAL MECHANICAL INTEGRITY demonstrates that after fluid is injected into the formation, the injected fluids will not migrate out of the authorized injection interval through vertical channels adjacent to the wellbore.

A Class II injection well may demonstrate Part II MI by showing that injected fluids remain within the authorized injection interval. This may be accomplished as follows:

- 1) Cement bond log showing 80% bond through the an appropriate interval (Section Guidance 34),
- 2) Radioactive tracer survey conducted according to a EPA-approved procedure, or
- 3) Temperature survey conducted according to a EPA-approved procedure (Section Guidance 38).

For each test option above, the operator of the injection well should submit a plan for conducting the test. The plan will then be approved (or modified and approved) by EPA. EPA's pre-approval of the testing method will assure the operator that the

test is conducted consistent with current EPA guidance, and that the test will provide meaningful results.

Part II MI may be demonstrated either before or after issuing the Final Permit. However, if Part II is to be demonstrated after the Final Permit is issued, a provision in the permit will require the demonstration of Part II MI. The well will also be required to pass Part II MI prior to granting authorization to inject.

Radioactive tracer surveys and temperature surveys require that the well be allowed to inject fluids as part of the procedure. In these cases, a well that has shown no other demonstration of Part II MI will be allowed to inject only that volume of fluid that is necessary to conduct the appropriate test.

After the results of the test proves that the well has passed Part II MI, the well will be given authorization to begin full injection operations.

If any of the tests show a lack of Part II MI, the well will be repaired and retested, or plugged (See Headquarters Guidance #76).

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Test conducted by: \_\_\_\_\_

Others present: \_\_\_\_\_

Well Name: _____	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: _____	Sec: _____ T _____ N/S R _____ E/W	County: _____ State: _____
Operator: _____		
Last MIT: ____/____/____	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☐ No

Initial test for permit? ☐ Yes ☐ No

Test after well rework? ☐ Yes ☐ No

Well injecting during test? ☐ Yes ☐ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	psig	psig	psig
End of test pressure	psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	psig	psig	psig
5 minutes	psig	psig	psig
10 minutes	psig	psig	psig
15 minutes	psig	psig	psig
20 minutes	psig	psig	psig
25 minutes	psig	psig	psig
30 minutes	psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 39  
Pressure testing injection wells for Part I (internal)  
Mechanical Integrity

FROM: Tom Pike, Chief  
UIC Direct Implementation Section

TO: All Section Staff  
Montana Operations Office

Introduction

The Underground Injection Control (UIC) regulations require that an injection well have mechanical integrity at all times (40 CFR 144.28 (f)(2) and 40 CFR 144.51 (q)(1)). A well has mechanical integrity (40 CFR 146.8) if:

- (1) There is no significant leak in the tubing, casing or packer; and
- (2) There is no significant fluid movement into an underground source of drinking water (USDW) through vertical channels adjacent to the injection wellbore.

Definition: Mechanical Integrity Pressure Test for Part I. A pressure test used to determine the integrity of all the downhole components of an injection well, usually tubing, casing and packer. It is also used to test tubing cemented in the hole by using a tubing plug or retrievable packer. Pressure tests must be run at least once every five years. If for any reason the tubing/packer is pulled, the injection well is required to pass another mechanical integrity test of the tubing casing and packer prior to recommencing injection regardless of when the last test was conducted. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on either the attached form or an equivalent form containing the necessary information. A pressure recording chart documenting the actual annulus test pressures must be attached to the form.

This guidance addresses making a determination of Part I of Mechanical Integrity (no leaks in the tubing, casing or packer). The Region's policy is: 1) to determine if there are significant leaks in the tubing, casing or packer; 2) to assure that the casing can withstand pressure similar to that which

would be applied if the tubing or packer fails; 3) to make the Region's test procedure consistent with the procedures utilized by other Region VIII Primacy programs; and 4) to provide a procedure which can be easily administered and is applicable to all class I and II wells. Although there are several methods allowed for determining mechanical integrity, the principal method involves running a pressure test of the tubing/casing annulus. Region VIII's procedure for running a pressure test is intended to aid UIC field inspectors who witness pressure tests for the purpose of demonstrating that a well has Part I of Mechanical Integrity. The guidance is also intended as a means of informing operators of the procedures required for conducting the test in the absence of an EPA inspector.

### Pressure Test Description

#### Test Frequency

The mechanical integrity of an injection well must be maintained at all times. Mechanical integrity pressure tests are required at least every five (5) years. If for any reason the tubing/packer is pulled, however, the injection well is required to pass another mechanical integrity test prior to recommencing injection regardless of when the last test was conducted. The Regional UIC program must be notified of the workover and the proposed date of the pressure test. The well's test cycle would then start from the date of the new test if the well passes the test and documentation is adequate. Tests may be required on a more frequent basis depending on the nature of the injectate and the construction of the well (see Section guidance on MITs for wells with cemented tubing and regulations for Class I wells).

Region VIII's criteria for well testing frequency is as follows:

1. Class I hazardous waste injection wells; initially [40 CFR 146.68(d)(1)] and annually thereafter;
2. Class I non-hazardous waste injection wells; initially and every two (2) years thereafter, except for old permits (such as the disposal wells at carbon dioxide extraction plants which require a test at least every five years);
3. Class II wells with tubing, casing and packer; initially and at least every five (5) years thereafter;
4. Class II wells with tubing cemented in the hole; initially and every one (1) or two (2) years thereafter

depending on well specific conditions (See Region VIII UIC Section Guidance #36);

5. Class II wells which have been temporarily abandoned (TAd) must be pressure tested after being shut-in for two years; and
6. Class III uranium extraction wells; initially.

#### Test Pressure

To assure that the test pressure will detect significant leaks and that the casing is subjected to pressure similar to that which would be applied if the tubing or packer fails, the tubing/casing annulus should be tested at a pressure equal to the maximum allowed injection pressure or 1000 psig whichever is less. The annular test pressure must, however, have a difference of at least 200 psig either greater or less than the injection tubing pressure. Wells which inject at pressures of less than 300 psig must test at a minimum pressure of 300 psig, and the pressure difference between the annulus and the injection tubing must be at least 200 psi.

#### Test Criteria

1. The duration of the pressure test is 30 minutes.
2. Both the annulus and tubing pressures should be monitored and recorded every five (5) minutes.
3. If there is a pressure change of 10 percent or more from the initial test pressure during the 30 minute duration, the well has failed to demonstrate mechanical integrity and should be shut-in until it is repaired or plugged.
4. A pressure change of 10 percent or more is considered significant. If there is no significant pressure change in 30 minutes from the time that the pressure source is disconnected from the annulus, the test may be completed as passed.

#### Recordkeeping and Reporting

The test results must be recorded on the attached form. The annulus pressure should be recorded at five (5) minute intervals. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on the attached form or an equivalent form and a pressure recording

chart documenting the actual annulus test pressures must be attached to the submittal. The tubing pressure at the beginning and end of each test must be recorded. The volume of the annulus fluid bled back at the surface after the test should be measured and recorded on the form. This can be done by bleeding the annulus pressure off and discharging the associated fluid into a five gallon container. The volume information can be used to verify the approximate location of the packer.

#### Procedures for Pressure Test

1. Scheduling the test should be done at least two (2) weeks in advance.
2. Information on the well completion (location of the packer, location of perforations, previous cement work on the casing, size of casing and tubing, etc.) and the results of the previous MIT test should be reviewed by the field inspector in advance of the test. Regional UIC Guidance #35 should also be reviewed. Information relating to the previous MIT and any well workovers should be reviewed and taken into the field for verification purposes.
3. All Class I wells and Class II SWD wells should be shut-in prior to the test. A 12 to 24-hour shut-in is preferable to assure that the temperature of the fluid in the wellbore is stable.
4. Class II enhanced recovery wells may be operating during the test, but it is recommended that the well be shut-in if possible.
5. The operator should fill the casing/tubing annulus with inhibited fluid at least 24 hours in advance, if possible. Filling the annulus should be undertaken through one valve with the second valve open to allow air to escape. After the operator has filled the annulus, a check should be made to assure that the annulus will remain full. If the annulus can not maintain a full column of fluid, the operator should notify the Director and begin a rework. The operator should measure and report the volume of fluid added to the annulus. If not already the case, the casing/tubing valves should be closed, at least, 24 hours prior to the pressure test.

Following steps are at the well:

6. Read tubing pressure and record on the form. If the

well is shut-in, the reported information on the actual maximum operating pressure should be used to determine test pressures.

7. Read pressure on the casing/tubing annulus and record value on the form. If there is pressure on the annulus, it should be bled off prior to the test. If the pressure will not bleed-off, the guidance on well failures (Region VIII UIC Section Guidance #35) should be followed.
8. Ask the operator for the date of the last workover and the volume of fluid added to the annulus prior to this test and record information on the form.
9. Hook-up well to pressure source and apply pressure until test value is reached.
10. Immediately disconnect pressure source and start test time (If there has been a significant drop in pressure during the process of disconnection, the test may have to be restarted). The pressure gages used to monitor injection tubing pressure and annulus pressure should have a pressure range which will allow the test pressure to be near the mid-range of the gage. Additionally, the gage must be of sufficient accuracy and scale to allow an accurate reading of a 10 percent change to be read. For instance, a test pressure of 600 psi should be monitored with a 0 to 1000 psi gage. The scale should be incremented in 20 psi increments.
11. Record tubing and annulus pressure values every five (5) minutes.
12. At the end of the test, record the final tubing pressure.
13. If the test fails, check the valves, bull plugs and casing head close up for possible leaks. The well should be retested.
14. If the second test indicates a well failure, the Region should be informed of the failure within 24 hours by the operator, and the well should be shut-in within 48 hours per Headquarters guidance #76. A follow-up letter should be prepared by the operator which outlines the cause of the MIT failure and proposes a potential course of action. This report should be submitted to EPA within five days.

15. Bleed off well into a bucket, if possible, to obtain a volume estimate. This should be compared to the calculated value obtained using the casing/tubing annulus volume and fluid compressibility values.
16. Return to office and prepare follow-up.

#### Alternative Test Option

While it is expected that the test procedure outlined above will be applicable to most wells, the potential does exist that unique circumstances may exist for a given well that precludes or makes unsafe the application of this test procedure. In the event that these exceptional or extraordinary conditions are encountered, the operator has the option to propose an alternative test or monitoring procedures. The request must be submitted by the operator in writing and must be approved in writing by the UIC-Implementation Section Chief or equivalent level of management.

Attachment

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Test conducted by: \_\_\_\_\_

Others present: \_\_\_\_\_

Well Name: _____	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: _____	Sec: _____ T _____ N/S R _____ E/W	County: _____ State: _____
Operator: _____		
Last MIT: ____/____/____	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☐ No

Initial test for permit? ☐ Yes ☐ No

Test after well rework? ☐ Yes ☐ No

Well injecting during test? ☐ Yes ☐ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

MIT DATA TABLE		Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>				
Initial Pressure	psig	psig	psig	psig
End of test pressure	psig	psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>				
0 minutes	psig	psig	psig	psig
5 minutes	psig	psig	psig	psig
10 minutes	psig	psig	psig	psig
15 minutes	psig	psig	psig	psig
20 minutes	psig	psig	psig	psig
25 minutes	psig	psig	psig	psig
30 minutes	psig	psig	psig	psig
minutes	psig	psig	psig	psig
minutes	psig	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-44004
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1945 FSL 816 FWL		8. WELL NAME and NUMBER: MONUMENT BUTTE 1-3
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 3, T9S, R17E		9. API NUMBER: 4301330642
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  12/29/2006			

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 12/29/06. One new interval was added, the A3 sds 5209'-5214' 4 JSPF, 20 shots. On 11/28/06 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 1/3/07. On 1/3/07 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test.  
EPA# UT 20776-06973 API# 43-013-30642

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u>Callie Ross</u>	DATE <u>01/12/2007</u>

(This space for State use only)

**RECEIVED**

**JAN 16 2007**

**DIV. OF OIL, GAS & MINING**

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 01/03/07

Test conducted by: Dale Giles

Others present: \_\_\_\_\_

Well Name: <u>Monument Butte 1-3-9-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Boundary II Unit</u>			
Location: _____	Sec: <u>3</u>	T <u>9</u> N <u>10</u> R <u>17</u> E W	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>			
Last MIT: <u>1</u>	<u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?    ☐ Yes    ☐ No  
 Initial test for permit?                ☒ Yes    ☐ No  
 Test after well rework?                ☐ Yes    ☐ No  
 Well injecting during test?            ☐ Yes    ☐ No    If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

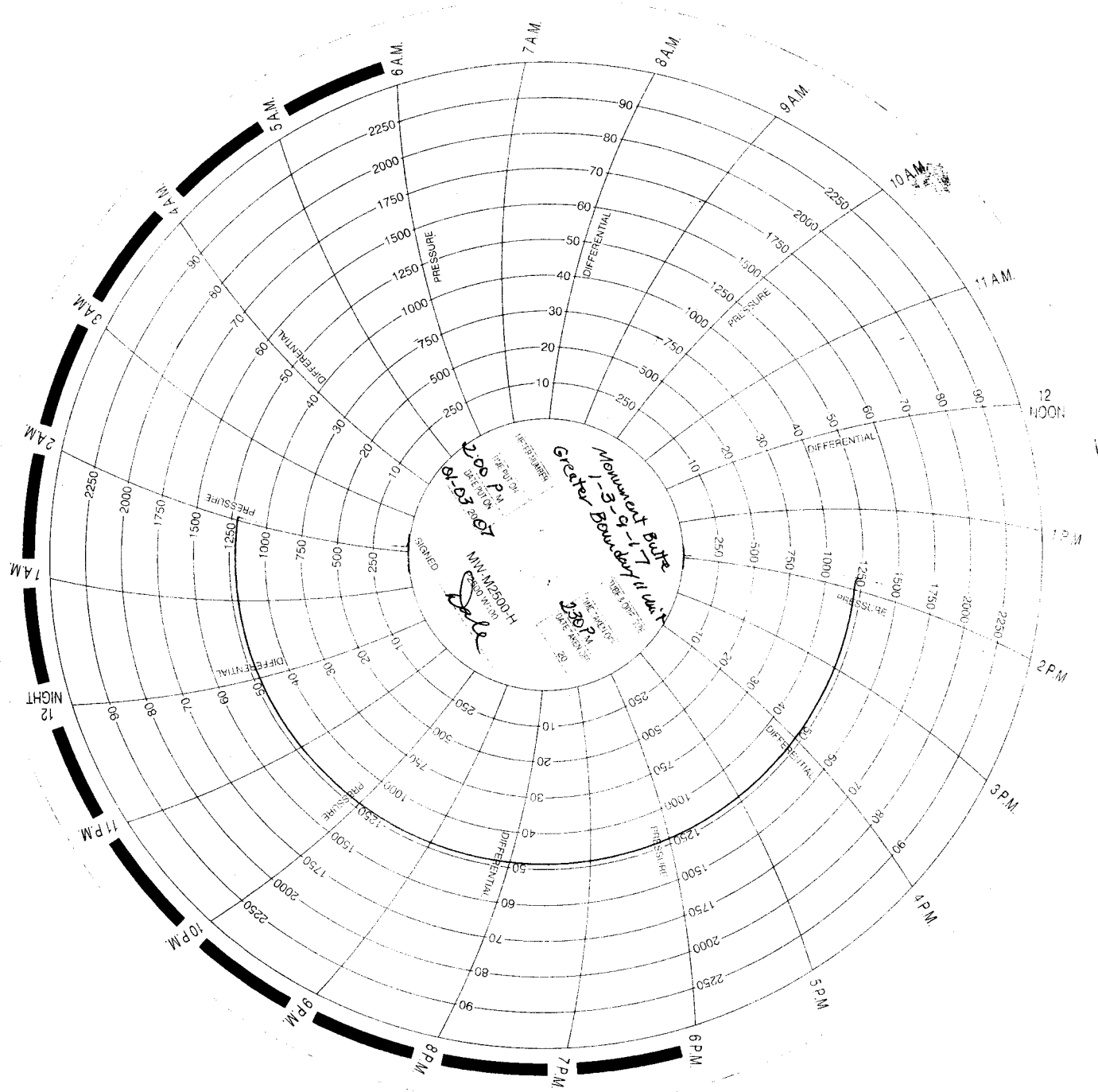
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>120</u> psig	psig	psig
End of test pressure	<u>120</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?    ☐ Yes    ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-44004

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GREATER BOUNDARY II

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

8. WELL NAME and NUMBER:  
MONUMENT BUTTE 1-3

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

9. API NUMBER:  
4301330642

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1945 FSL 816 FWL

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 3, T9S, R17E

STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 06/04/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 4:00 PM on 6-1-07.

#UT20776-06973

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

**RECEIVED**


**JUN 06 2007**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 06/04/2007

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1945 FSL 816 FWL  
NWSW Section 3 T9S R17E

5. Lease Serial No.

USA UTU-44004

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GREATER BOUNDARY II

8. Well Name and No.  
MONUMENT BUTTE 1-3

9. API Well No.  
4301330642

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Step Rate Test _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-5 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

A step rate test was conducted on the subject well on October 23, 2007. Results from the test indicate that the fracture gradient is .758 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1360 psi.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Chevenne Bateman

Signature



Title

Well Analyst Foreman

Date

10/24/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

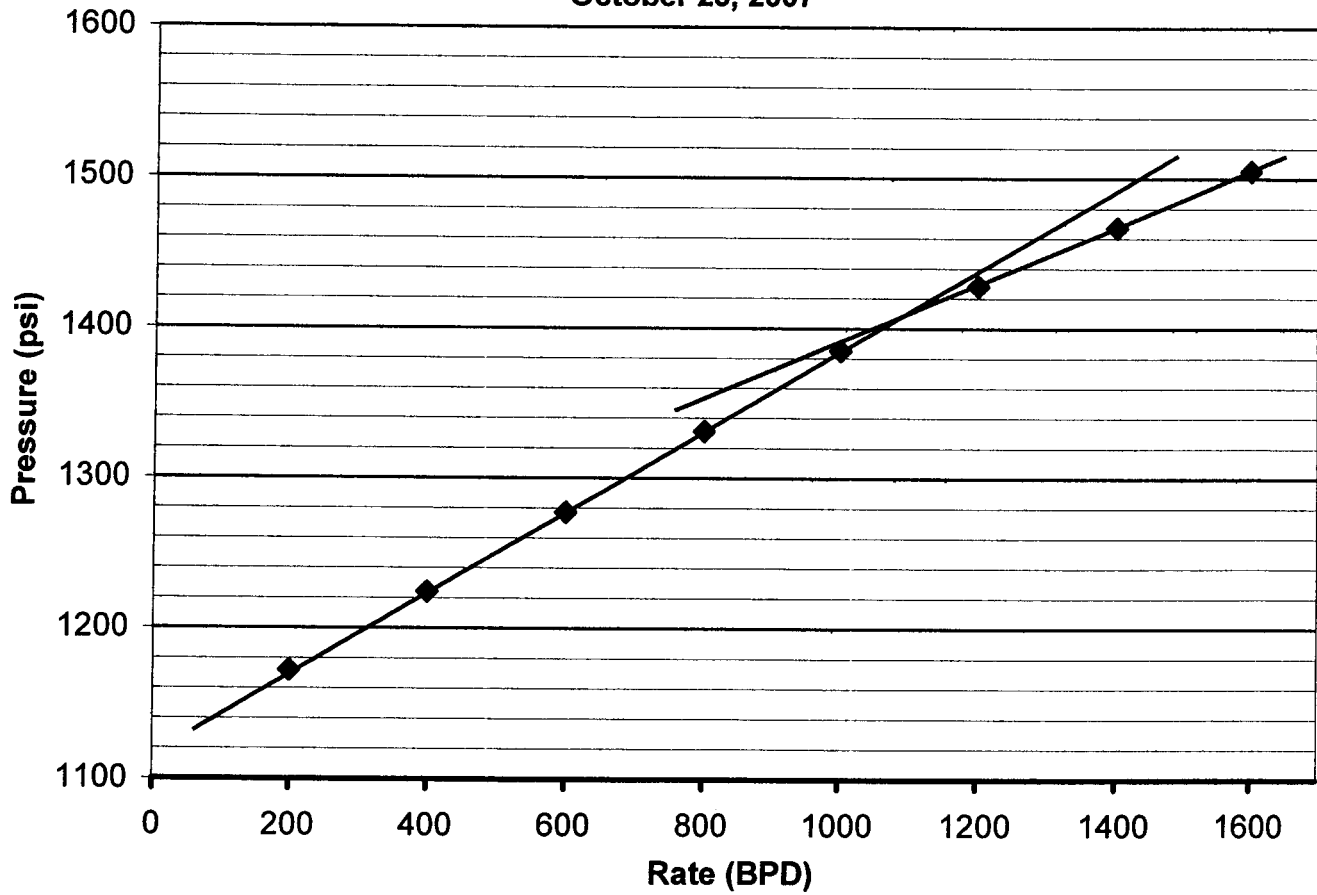
(Instructions on reverse)

**RECEIVED**

OCT 29 2007

DIV. OF OIL, GAS & MINING

**Monument Butte 1-3-9-17  
Greater Boundary II Unit  
Step Rate Test  
October 23, 2007**

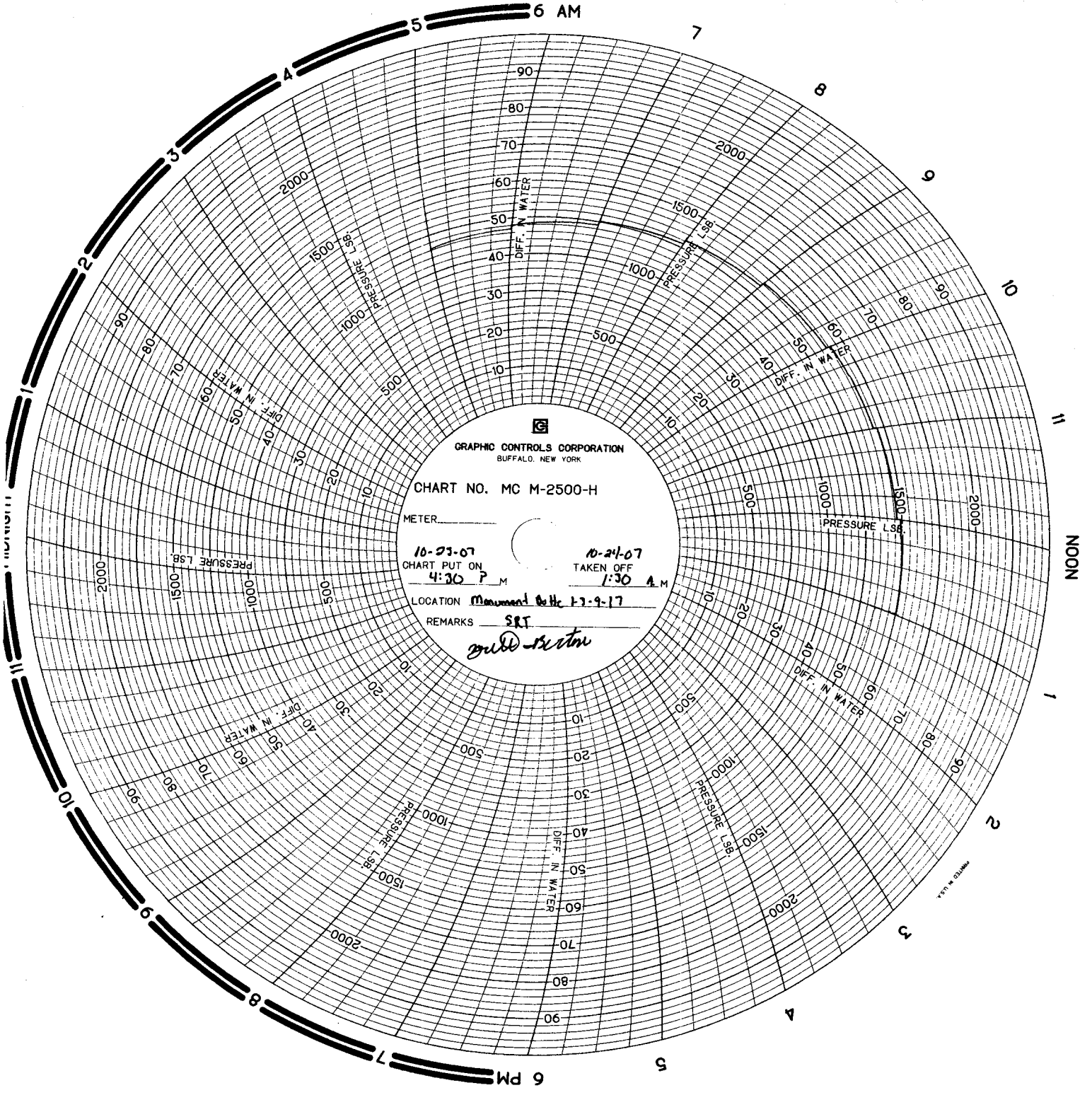


**Start Pressure:** 1147 psi  
**Instantaneous Shut In Pressure (ISIP):** 1361 psi  
**Top Perforation:** 4270 feet  
**Fracture pressure (Pfp):** 1410 psi  
**FG:** 0.758 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1172
2	400	1224
3	600	1277
4	800	1331
5	1000	1385
6	1200	1428
7	1400	1467
8	1600	1505

Report Name: PrTemp1000 Data Table  
 Report Date: Oct 24, 2007 10:46:36 AM MDT  
 File Name: C:\Program Files\PTC\Instruments 2.00\Monument Butte  
 1-3-9-17(10-23-07)SRT.csv  
 Title: Monument Butte 1-3-9-17 SRT  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Oct 23, 2007 04:30:00 PM MDT  
 Data End Date: Oct 24, 2007 01:00:00 AM MDT  
 Reading Rate: 1 Minute  
 Readings: 1 to 35 of 35  
 Last Calibration Date: Oct 16, 2007  
 Next Calibration Date: Oct 16, 2008

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Oct 23, 2007 04:30:00 PM	1153.000	PSIA
2	Oct 23, 2007 04:44:59 PM	1149.600	PSIA
3	Oct 23, 2007 05:00:01 PM	1146.800	PSIA
4	Oct 23, 2007 05:15:01 PM	1163.200	PSIA
5	Oct 23, 2007 05:30:00 PM	1166.600	PSIA
6	Oct 23, 2007 05:45:01 PM	1169.800	PSIA
7	Oct 23, 2007 06:00:01 PM	1172.000	PSIA
8	Oct 23, 2007 06:15:00 PM	1206.400	PSIA
9	Oct 23, 2007 06:30:01 PM	1212.800	PSIA
10	Oct 23, 2007 06:45:01 PM	1218.000	PSIA
11	Oct 23, 2007 07:00:00 PM	1223.600	PSIA
12	Oct 23, 2007 07:15:01 PM	1257.600	PSIA
13	Oct 23, 2007 07:30:01 PM	1265.000	PSIA
14	Oct 23, 2007 07:45:00 PM	1270.000	PSIA
15	Oct 23, 2007 08:00:01 PM	1276.600	PSIA
16	Oct 23, 2007 08:15:01 PM	1312.200	PSIA
17	Oct 23, 2007 08:30:00 PM	1318.400	PSIA
18	Oct 23, 2007 08:45:01 PM	1325.000	PSIA
19	Oct 23, 2007 09:00:01 PM	1331.000	PSIA
20	Oct 23, 2007 09:15:00 PM	1365.200	PSIA
21	Oct 23, 2007 09:30:01 PM	1373.200	PSIA
22	Oct 23, 2007 09:45:01 PM	1377.800	PSIA
23	Oct 23, 2007 10:00:00 PM	1384.800	PSIA
24	Oct 23, 2007 10:15:01 PM	1416.800	PSIA
25	Oct 23, 2007 10:30:01 PM	1424.000	PSIA
26	Oct 23, 2007 10:45:00 PM	1424.800	PSIA
27	Oct 23, 2007 11:00:01 PM	1428.400	PSIA
28	Oct 23, 2007 11:15:01 PM	1456.400	PSIA
29	Oct 23, 2007 11:30:00 PM	1459.800	PSIA
30	Oct 23, 2007 11:45:01 PM	1463.600	PSIA
31	Oct 24, 2007 12:00:01 AM	1467.400	PSIA
32	Oct 24, 2007 12:15:00 AM	1491.800	PSIA
33	Oct 24, 2007 12:30:01 AM	1496.000	PSIA
34	Oct 24, 2007 12:45:01 AM	1500.200	PSIA
35	Oct 24, 2007 01:00:00 AM	1504.600	PSIA





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
Denver, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

JAN 18 2008

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Michael Guinn  
District Manager  
Newfield Production Company  
Route 3-Box 3630  
Myton, UT 84502

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

RECEIVED

JAN 28 2008

DIV. OF OIL, GAS & MINING

43 013 30642  
95 17E 3

RE: **Authorization to Continue Injection**  
EPA UIC Permit UT20776-06973  
Well: Monument Butte Federal 1-3-9-17  
Duchesne County, Utah

Dear Mr. Guinn:

The results of the November 14, 2007 RTS detected 24 feet of vertical fluid movement above the top perforation at 4246 ft<sub>KB</sub>. The RTS demonstrated that the fluid remained within the approved injection zone from 3719 ft to 6045 ft<sub>KB</sub>. EPA has determined that this RTS adequately demonstrated that injected fluids remained in the authorized injection interval at or below the Maximum Authorized Injection Pressure (MAIP) of 1360 psig, therefore, this demonstration of Part II Mechanical Integrity (MI) for this well is hereby approved.

The permittee is required to repeat Part II MI demonstrations using a temperature survey at least once every 5 years from the previous Part II MI demonstration, however the Director may require more frequent demonstration, if necessary. The permittee shall follow the temperature logging procedures in the most current Region 8 temperature guideline (enclosed). The temperature survey shall focus on the interval from below the lowermost open perforation through 100 feet above the top of the designated confining zone (3598 ft<sub>KB</sub>).

The EPA hereby authorizes continued injection into Monument Butte Federal 1-3-9-17 at an **MAIP of 1360 psig**, under the terms and conditions of EPA UIC Permit UT20776-06973.

You may apply for a higher maximum allowable injection pressure at a later date. Your application should be accompanied by the interpreted results from a Step-Rate Test (SRT) that measures the formation fracture pressure and the fracture gradient at this location. A current copy of EPA Guidelines for running and interpreting a SRT will be sent upon request. Should

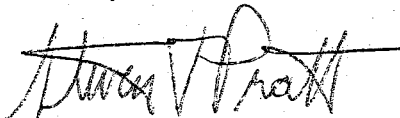
the SRT result in approval of a higher maximum allowable injection pressure, a new Part II MI demonstration must be run to show that the injected fluids will remain in the authorized injection interval at the higher pressure. Please note that to use a pressure greater than the **MAIP of 1360 psig** during a SRT and RTS, you must first receive prior written authorization from the Director.

As of this approval, responsibility for Permit Compliance and Enforcement is transferred to Region 8 UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

US EPA, Region 8  
Attn: Nathan Wiser  
MC: ENF-UFO  
1595 Wynkoop Street  
Denver, CO 80202

Please remember that it is your responsibility to be aware of and to comply with all conditions of your Permit. If you have any questions regarding this approval, please call Patricia Pfeiffer at 800-227-8917 (ext. 312-6271). For questions regarding notification, testing, monitoring, reporting or other Permit requirements, contact Nathan Wiser of the UIC Technical Enforcement Program by calling 800-227-8917 (ext. 312-6211).

Sincerely,



for Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

cc: Curtis Cesspooch, Chairperson  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Ronald Groves, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Irene Cuch, Vice-Chairwoman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Steven Cesspooch, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Phillip Chimburas, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Frances Poowegup, Councilwoman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Chester Mills, Superintendent  
BIA - Uintah & Ouray Indian Agency

David Gerbig  
Operations Engineer  
Newfield Production Company

Shawn Chapoose, Director  
Land Use Department  
Ute Indian Tribe

Gil Hunt  
Assistant Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

bcc: Nathan Wiser  
Monica Morales

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-44004
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1945 FSL 816 FWL		8. WELL NAME and NUMBER: MONUMENT BUTTE 1-3
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 3, T9S, R17E		9. API NUMBER: 4301330642
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  04/19/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on April 19, 2010. Results from the test indicate that the fracture gradient is 0.797psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1360 psi to 1525 psi.

EPA# UT20776-06973 API#43-013-30642

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 04/29/2010

(This space for State use only)

RECEIVED  
MAY 03 2010  
DIV. OF OIL, GAS & MINING

## Step Rate Test (SRT) Analysis

Date: 04/26/2010

Operator:

Newfield Production Company

Well:

Monument Butte 1-3-9-17

Permit #:

UT20776-06973

**Enter the following data :**

Specific Gravity (sg) of injectate = 1.015 g/cc  
Depth to top perforation (D) = 4270 feet 4270  
Top of permitted injection zone depth (blank=use top perforation to calculate sg) = \_\_\_\_\_ feet  
Estimated Formation Parting Pressure (Pfp) from SRT chart = 1585 psi 1585  
Instantaneous Shut In Pressure (ISIP) from SRT = 1528 psi 1528  
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder = \_\_\_\_\_ psi no downhole

### Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.797 psi/ft.

where:  $fg = Pbhp / D$  (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1528

D = depth used = 4270

Pbhp used = 3405

Calculated Bottom Hole Parting Pressure (Pbhp) = 3405 psi 3404.644

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + ( 0.433 \* SG \* D )

( Uses lesser of ISIP or Pfp ) Value used = 1528

### Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

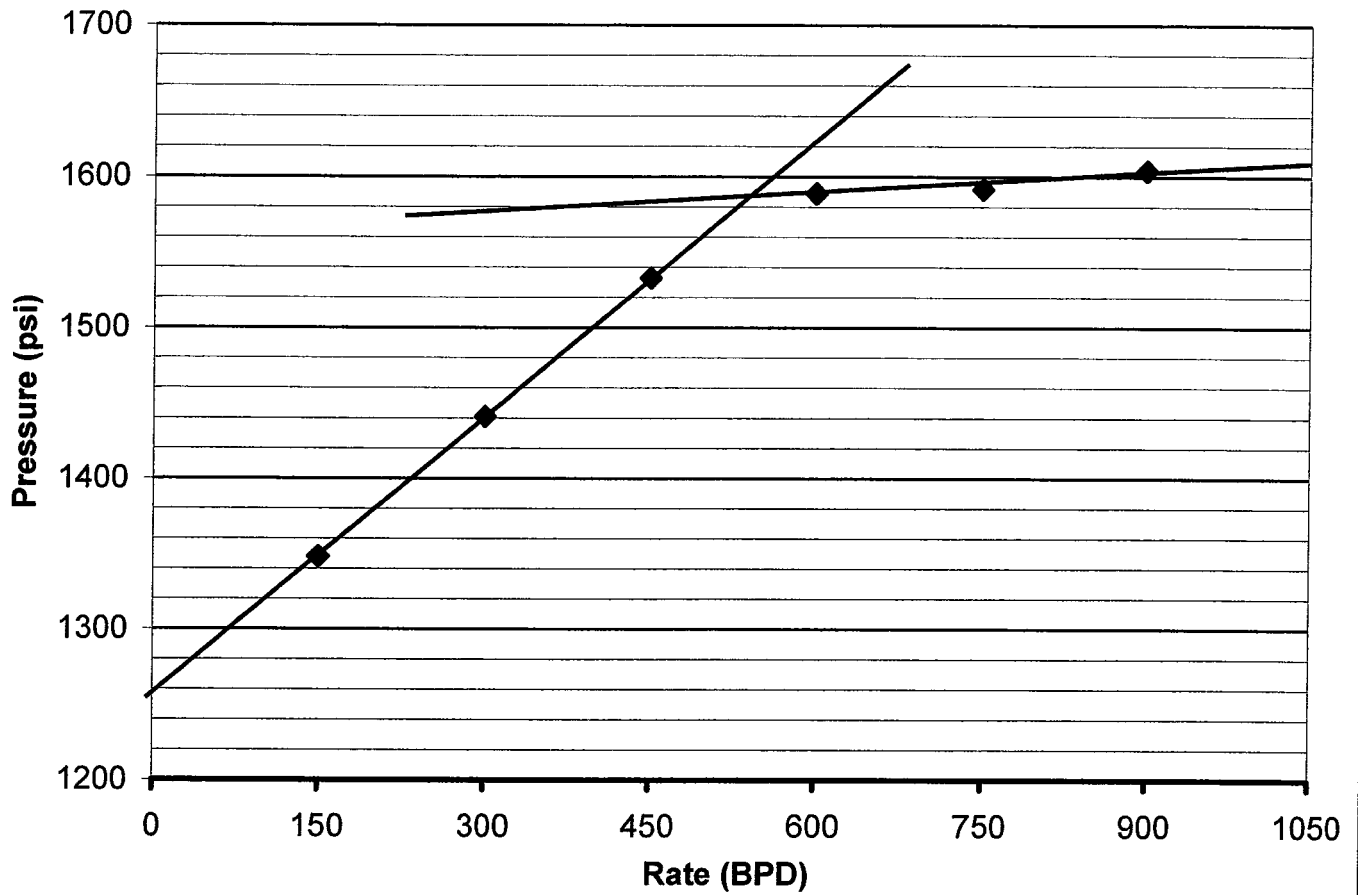
Maximum Allowable Injection Pressure (MAIP) = 1525 psig

D = depth used = 4270

MAIP =  $fg \cdot ( 0.433 * SG ) \cdot D$  = 1526.546

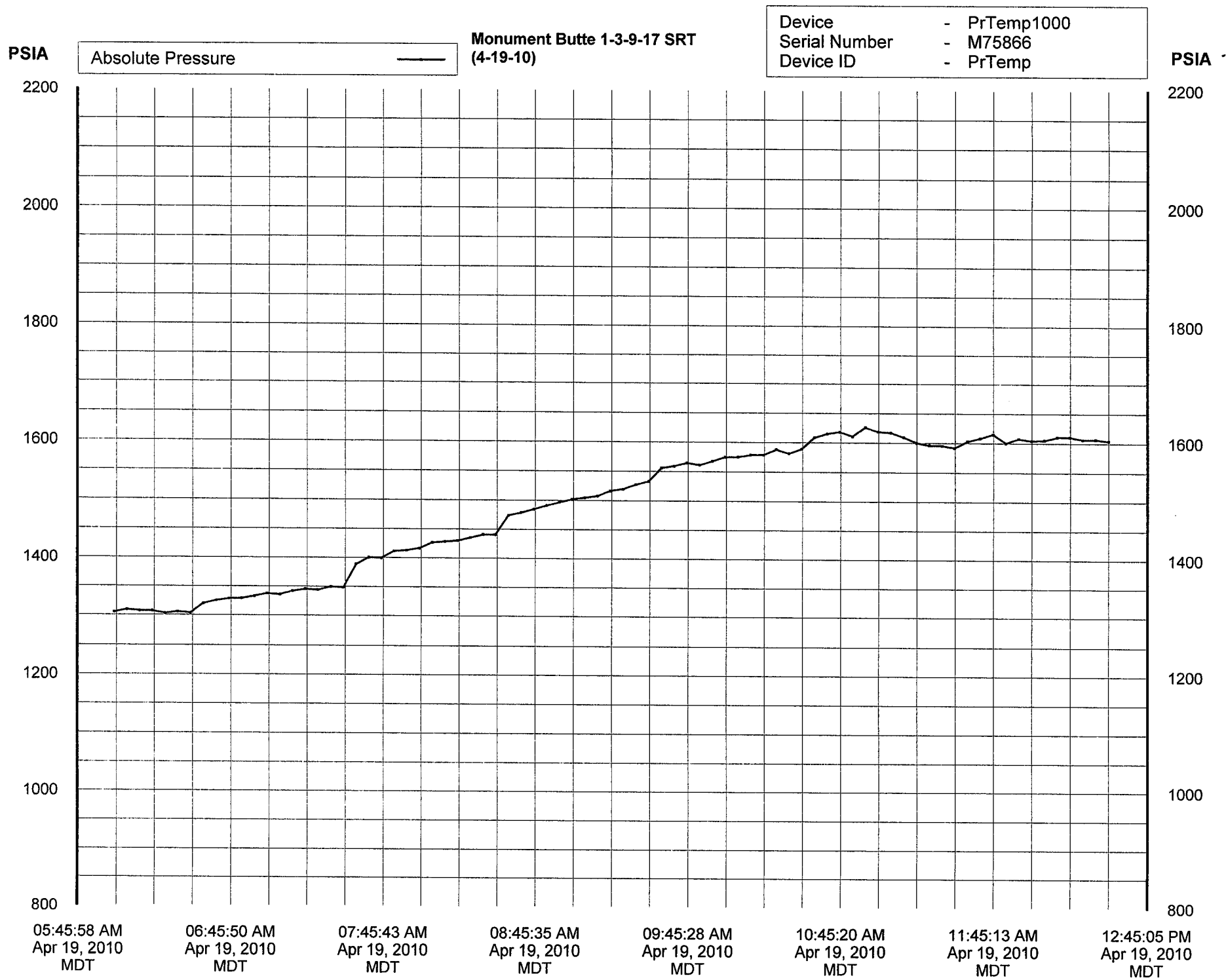
(rounded down to nearest 5 psig)

**Monument Butte 1-3-9-17**  
**Greater Monument Butte Unit**  
**Step Rate Test**  
**April 19, 2010**



**Start Pressure:** 1303 psi  
**Instantaneous Shut In Pressure (ISIP):** 1528 psi  
**Top Perforation:** 4270 feet  
**Fracture pressure (Pfp):** 1585 psi  
**FG:** 0.811 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	150	1348
2	300	1441
3	450	1533
4	600	1589
5	750	1592
6	900	1604



File Name: C:\Program Files\PTC\ Instruments 2.00\Monument Butte 1-3-9-17 SRT  
 (4-19-10).csv  
 Title: Monument Butte 1-3-9-17 SRT (4-19-10)  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Apr 19, 2010 06:00:01 AM MDT  
 Data End Date: Apr 19, 2010 12:30:01 PM MDT  
 Reading Rate: 2 Seconds  
 Readings: 1 to 79 of 79  
 Last Calibration Date: May 22, 2009  
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Apr 19, 2010 06:00:01 AM	1304.600	PSIA
2	Apr 19, 2010 06:05:00 AM	1308.600	PSIA
3	Apr 19, 2010 06:10:01 AM	1306.800	PSIA
4	Apr 19, 2010 06:15:00 AM	1306.600	PSIA
5	Apr 19, 2010 06:20:01 AM	1302.600	PSIA
6	Apr 19, 2010 06:25:00 AM	1305.400	PSIA
7	Apr 19, 2010 06:30:01 AM	1303.200	PSIA
8	Apr 19, 2010 06:35:01 AM	1319.600	PSIA
9	Apr 19, 2010 06:40:01 AM	1324.800	PSIA
10	Apr 19, 2010 06:45:01 AM	1328.400	PSIA
11	Apr 19, 2010 06:50:00 AM	1328.800	PSIA
12	Apr 19, 2010 06:55:01 AM	1332.600	PSIA
13	Apr 19, 2010 07:00:00 AM	1337.000	PSIA
14	Apr 19, 2010 07:05:01 AM	1335.400	PSIA
15	Apr 19, 2010 07:10:00 AM	1341.800	PSIA
16	Apr 19, 2010 07:15:01 AM	1345.400	PSIA
17	Apr 19, 2010 07:20:01 AM	1343.800	PSIA
18	Apr 19, 2010 07:25:01 AM	1349.400	PSIA
19	Apr 19, 2010 07:30:01 AM	1348.000	PSIA
20	Apr 19, 2010 07:35:00 AM	1388.800	PSIA
21	Apr 19, 2010 07:40:01 AM	1400.200	PSIA
22	Apr 19, 2010 07:45:00 AM	1399.400	PSIA
23	Apr 19, 2010 07:50:01 AM	1411.600	PSIA
24	Apr 19, 2010 07:55:00 AM	1413.200	PSIA
25	Apr 19, 2010 08:00:01 AM	1417.000	PSIA
26	Apr 19, 2010 08:05:01 AM	1426.800	PSIA
27	Apr 19, 2010 08:10:01 AM	1428.600	PSIA
28	Apr 19, 2010 08:15:01 AM	1430.200	PSIA
29	Apr 19, 2010 08:20:00 AM	1435.200	PSIA
30	Apr 19, 2010 08:25:01 AM	1440.600	PSIA
31	Apr 19, 2010 08:30:00 AM	1440.800	PSIA
32	Apr 19, 2010 08:35:01 AM	1473.800	PSIA
33	Apr 19, 2010 08:40:00 AM	1478.600	PSIA
34	Apr 19, 2010 08:45:01 AM	1484.400	PSIA
35	Apr 19, 2010 08:50:01 AM	1490.600	PSIA
36	Apr 19, 2010 08:55:01 AM	1496.400	PSIA
37	Apr 19, 2010 09:00:01 AM	1501.800	PSIA
38	Apr 19, 2010 09:05:00 AM	1504.400	PSIA
39	Apr 19, 2010 09:10:01 AM	1507.400	PSIA
40	Apr 19, 2010 09:15:00 AM	1516.200	PSIA
41	Apr 19, 2010 09:20:01 AM	1519.400	PSIA
42	Apr 19, 2010 09:25:00 AM	1527.400	PSIA
43	Apr 19, 2010 09:30:01 AM	1533.200	PSIA
44	Apr 19, 2010 09:35:01 AM	1555.400	PSIA
45	Apr 19, 2010 09:40:01 AM	1558.600	PSIA
46	Apr 19, 2010 09:45:01 AM	1564.600	PSIA
47	Apr 19, 2010 09:50:00 AM	1560.800	PSIA
48	Apr 19, 2010 09:55:01 AM	1567.800	PSIA
49	Apr 19, 2010 10:00:00 AM	1574.600	PSIA
50	Apr 19, 2010 10:05:01 AM	1575.000	PSIA
51	Apr 19, 2010 10:10:00 AM	1578.600	PSIA
52	Apr 19, 2010 10:15:01 AM	1578.800	PSIA
53	Apr 19, 2010 10:20:01 AM	1588.200	PSIA
54	Apr 19, 2010 10:25:01 AM	1581.400	PSIA
55	Apr 19, 2010 10:30:01 AM	1589.200	PSIA
56	Apr 19, 2010 10:35:00 AM	1608.200	PSIA
57	Apr 19, 2010 10:40:01 AM	1614.800	PSIA
58	Apr 19, 2010 10:45:00 AM	1618.000	PSIA
59	Apr 19, 2010 10:50:01 AM	1610.400	PSIA

62	Apr 19, 2010 11:05:01 AM	1617.000	PSIA
63	Apr 19, 2010 11:10:01 AM	1609.400	PSIA
64	Apr 19, 2010 11:15:01 AM	1600.200	PSIA
65	Apr 19, 2010 11:20:00 AM	1596.000	PSIA
66	Apr 19, 2010 11:25:01 AM	1595.600	PSIA
67	Apr 19, 2010 11:30:00 AM	1592.000	PSIA
68	Apr 19, 2010 11:35:01 AM	1602.800	PSIA
69	Apr 19, 2010 11:40:00 AM	1608.200	PSIA
70	Apr 19, 2010 11:45:01 AM	1614.800	PSIA
71	Apr 19, 2010 11:50:01 AM	1600.200	PSIA
72	Apr 19, 2010 11:55:01 AM	1607.400	PSIA
73	Apr 19, 2010 12:00:01 PM	1604.200	PSIA
74	Apr 19, 2010 12:05:00 PM	1605.000	PSIA
75	Apr 19, 2010 12:10:01 PM	1610.400	PSIA
76	Apr 19, 2010 12:15:00 PM	1610.400	PSIA
77	Apr 19, 2010 12:20:01 PM	1606.200	PSIA
78	Apr 19, 2010 12:25:00 PM	1606.600	PSIA
79	Apr 19, 2010 12:30:01 PM	1604.000	PSIA

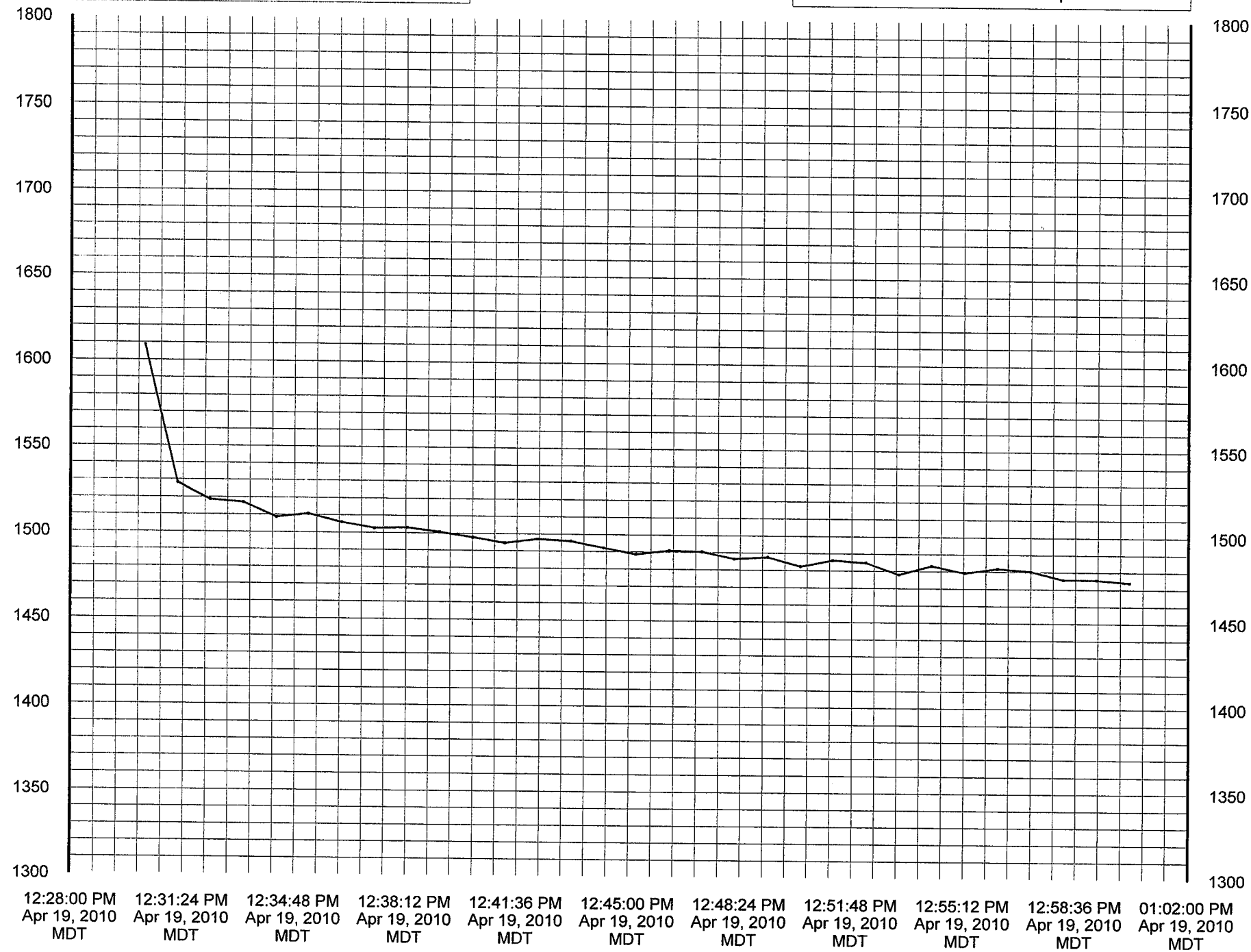
PSIA

Absolute Pressure

Monument Butte 1-3-9-17 ISIP  
(4-19-10)

Device - PrTemp1000  
Serial Number - M75866  
Device ID - PrTemp

PSIA



File Name: C:\Program Files\PTC® Instruments 2.00\Monument Butte 1-3-9-17 ISIP (4-19-10).csv  
Title: Monument Butte 1-3-9-17 ISIP (4-19-10)  
Device: PrTemp1000 - Temperature and Pressure Recorder  
Hardware Revision: REV2C (64K)  
Serial Number: M75866  
Device ID: PrTemp  
Data Start Date: Apr 19, 2010 12:30:14 PM MDT  
Data End Date: Apr 19, 2010 01:00:14 PM MDT  
Reading Rate: 2 Seconds  
Readings: 1 to 31 of 31  
Last Calibration Date: May 22, 2009  
Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Apr 19, 2010 12:30:14 PM	1608.600	PSIA
2	Apr 19, 2010 12:31:14 PM	1528.200	PSIA
3	Apr 19, 2010 12:32:13 PM	1518.600	PSIA
4	Apr 19, 2010 12:33:14 PM	1517.000	PSIA
5	Apr 19, 2010 12:34:14 PM	1508.600	PSIA
6	Apr 19, 2010 12:35:13 PM	1510.600	PSIA
7	Apr 19, 2010 12:36:14 PM	1505.800	PSIA
8	Apr 19, 2010 12:37:14 PM	1502.600	PSIA
9	Apr 19, 2010 12:38:14 PM	1503.000	PSIA
10	Apr 19, 2010 12:39:14 PM	1500.600	PSIA
11	Apr 19, 2010 12:40:15 PM	1497.600	PSIA
12	Apr 19, 2010 12:41:14 PM	1494.600	PSIA
13	Apr 19, 2010 12:42:14 PM	1497.000	PSIA
14	Apr 19, 2010 12:43:14 PM	1496.000	PSIA
15	Apr 19, 2010 12:44:14 PM	1492.200	PSIA
16	Apr 19, 2010 12:45:13 PM	1488.600	PSIA
17	Apr 19, 2010 12:46:14 PM	1490.800	PSIA
18	Apr 19, 2010 12:47:14 PM	1490.400	PSIA
19	Apr 19, 2010 12:48:13 PM	1486.400	PSIA
20	Apr 19, 2010 12:49:14 PM	1487.600	PSIA
21	Apr 19, 2010 12:50:14 PM	1482.400	PSIA
22	Apr 19, 2010 12:51:13 PM	1486.000	PSIA
23	Apr 19, 2010 12:52:14 PM	1484.800	PSIA
24	Apr 19, 2010 12:53:14 PM	1478.000	PSIA
25	Apr 19, 2010 12:54:14 PM	1483.200	PSIA
26	Apr 19, 2010 12:55:14 PM	1479.200	PSIA
27	Apr 19, 2010 12:56:14 PM	1481.800	PSIA
28	Apr 19, 2010 12:57:14 PM	1480.400	PSIA
29	Apr 19, 2010 12:58:14 PM	1475.600	PSIA
30	Apr 19, 2010 12:59:14 PM	1475.600	PSIA
31	Apr 19, 2010 01:00:14 PM	1474.000	PSIA

**Monument Butte 1-3-9-17 (4-19-10)**

<b>Step # 1</b>	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	150.5	150.5	150.5	150.4	150.4	150.4
	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	150.4	150.3	150.3	150.3	150.3	150.3
<b>Step # 2</b>	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	300.5	300.5	300.5	300.5	300.5	300.4
	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	300.4	300.4	300.4	300.3	300.3	300.2
<b>Step # 3</b>	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	450.6	450.6	450.6	450.6	450.6	450.6
	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	450.5	450.4	450.4	450.3	450.3	450.3
<b>Step # 4</b>	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	600.4	600.4	600.3	600.3	600.3	600.2
	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	600.2	600.2	600.1	600.1	600.1	600
<b>Step # 5</b>	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	750.5	750.5	750.5	750.4	750.4	750.4
	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	750.2	750.2	750.2	750.2	750.1	750.1
<b>Step # 6</b>	Time:	11:35	11:40	11:45	11:50	11:55	12:00
	Rate:	900.7	900.7	900.6	900.6	900.6	900.6
	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	900.6	900.5	900.5	900.4	900.4	900.4
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-44004
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE 1-3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1945 FSL 0816 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 03 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013306420000
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 12/12/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  On 11/16/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 12/12/2011 the casing was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1441 psig during the test. There was not an EPA representative available to witness the test. <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">             EPA# UT20776-06973           </div> <div style="text-align: center;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/13/2011	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_

Date: 12/12/11Test conducted by: Lynn Meason

Others present: \_\_\_\_\_

Well Name: <u>Monument Butte 1-3-7-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/SW</u> Sec: <u>3</u> T <u>9</u> N <u>15</u> R <u>17E</u> W	County: <u>Packman</u> State: <u>WV</u>	
Operator: <u>New Field</u>		
Last MIT: <u>/</u> <u>/</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test?

☒ Yes☐ No

Initial test for permit?

☐ Yes☒ No

Test after well rework?

☐ Yes☒ No

Well injecting during test?

☐ Yes☒ No

If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1443</u> psig	psig	psig
End of test pressure	<u>1441</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1000</u> psig	psig	psig
5 minutes	<u>1000</u> psig	psig	psig
10 minutes	<u>1000</u> psig	psig	psig
15 minutes	<u>1000</u> psig	psig	psig
20 minutes	<u>1000</u> psig	psig	psig
25 minutes	<u>1000</u> psig	psig	psig
30 minutes	<u>1000</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

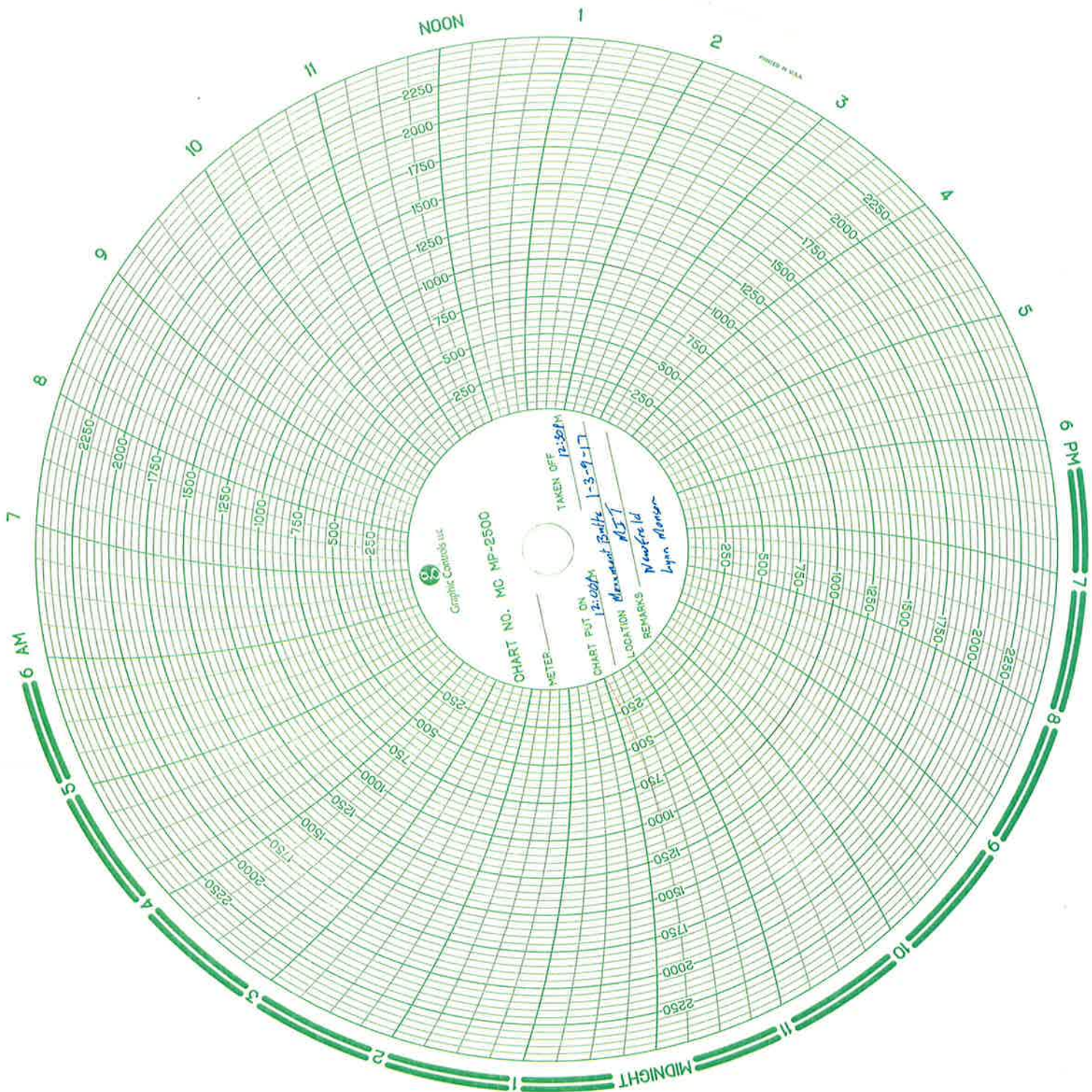
Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

**RECEIVED** Dec. 13, 2011



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-44004
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE 1-3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1945 FSL 0816 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 03 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013306420000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/14/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Tubing Leak"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 03/01/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 03/14/2012 the csg was pressured up to 1345 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbp pressure was 500 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20776-06973		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> March 26, 2012		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/15/2012	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 3 11 12012  
Test conducted by: Karin Powell  
Others present: Cody Marx

Well Name: <u>Monument Butte 13-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>1</u> Sec: <u>3</u> T <u>9</u> N <u>18</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: _____		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☐ Yes ☒ No  
Test after well rework? ☒ Yes ☐ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1345 psig

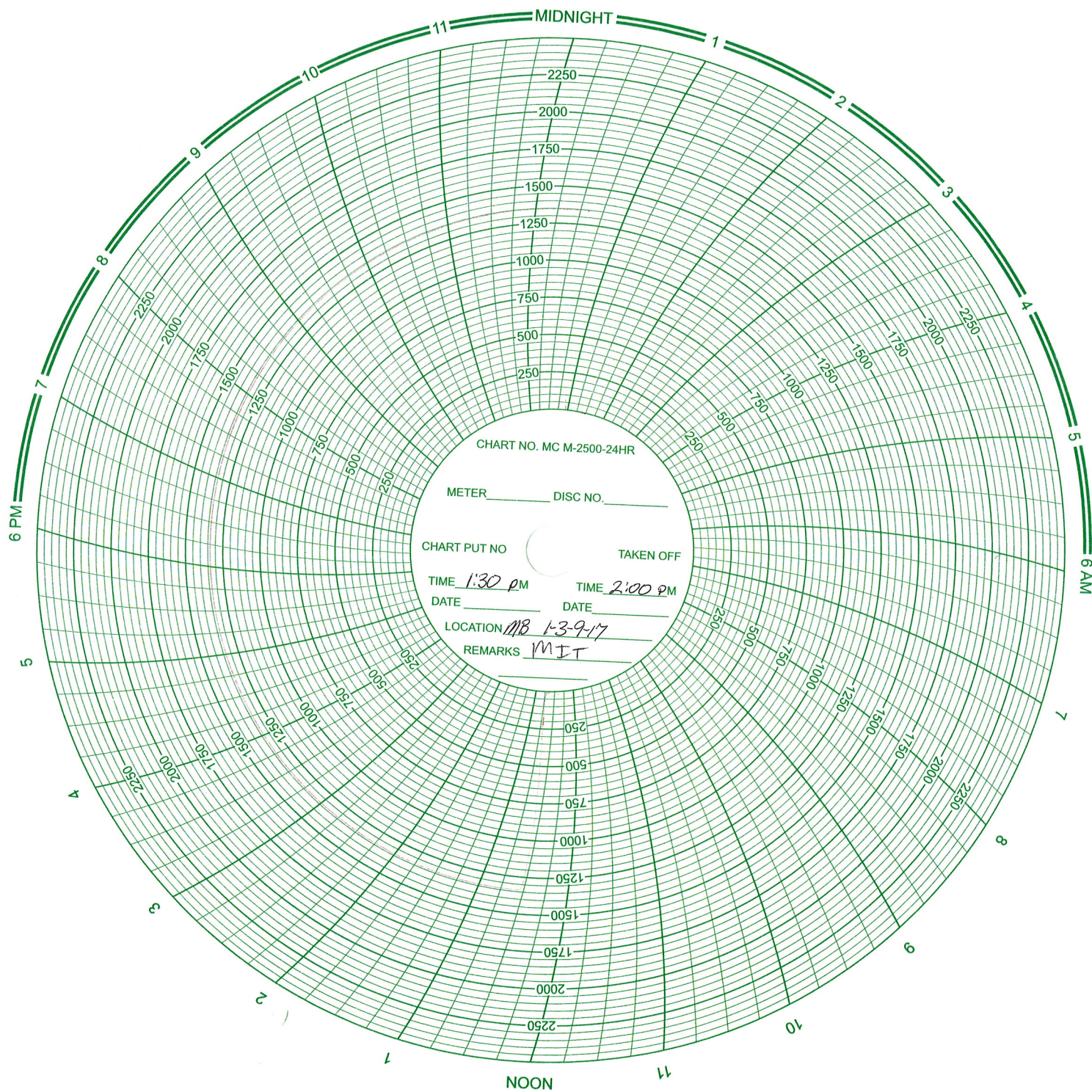
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>500</u> psig	psig	psig
End of test pressure	<u>500</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1345</u> psig	psig	psig
5 minutes	<u>1345</u> psig	psig	psig
10 minutes	<u>1345</u> psig	psig	psig
15 minutes	<u>1345</u> psig	psig	psig
20 minutes	<u>1345</u> psig	psig	psig
25 minutes	<u>1345</u> psig	psig	psig
30 minutes	<u>1345</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



## Daily Activity Report

Format For Sundry

MON BT 1-3-9-17

1/1/2012 To 5/30/2012

**3/8/2012 Day: 1**

**Tubing Leak**

NC #1 on 3/8/2012 - MIRU NC#1,N/D W/HD,N/U BOP,Rel Pkr,Drop SV,P/Tst Tbg,Blow Hle In Tbg @2500 Psi,SWI,C/SDFN. - 9:00AM MIRU NC#1, Wt On Benco To Pull Test Guyline Anchors. R/U NC#1. OWU, Well Flowing 1.5 BPM, Flowed 140 BW, N/D W/-HD, N/U BOP, R/U R/Flr, Rel Pkr, pmp 100 BW D/Tbg W/-15 Gal Biocide Due To H2S 23 PPM. Drop SV D/Tbg, R/U S/Line Chase SV To S/N. P/Test Tbg , Blow Hole In Tbg @ 2500 Psi, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 9:00AM MIRU NC#1, Wt On Benco To Pull Test Guyline Anchors. R/U NC#1. OWU, Well Flowing 1.5 BPM, Flowed 140 BW, N/D W/-HD, N/U BOP, R/U R/Flr, Rel Pkr, pmp 100 BW D/Tbg W/-15 Gal Biocide Due To H2S 23 PPM. Drop SV D/Tbg, R/U S/Line Chase SV To S/N. P/Test Tbg , Blow Hole In Tbg @ 2500 Psi, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$8,507

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**3/9/2012 Day: 2**

**Tubing Leak**

NC #1 on 3/9/2012 - POOH W/Tbg Production,Found Jt #1 Blown Up,Redope Tool Jts On TOO,RIH W/-5 1/2" Arrow #1 Pkr,S/N, 135 Jts Tbg,Flush Tbg,Drop SV,P/Test Tbg To 3000 Psi, Wt On Tbg Psi To Stabilize,C/SDFN. - 5:30AM-6:00AM C/Trvl,6:00AM OWU, POOH Found Hole In Blown Jt #1. RIH W/-Sline Ovrshot & Fish SV. POOH W/Remainder Of Tbg Production Breaking & Redoping Tool Jts W/-Liq O-Ring. BMW H/Oiler pmp 20 Bbls Wtr D/Csg Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 3/8 S/N, 135 Jts 2 3/8 Tbg, R/U H/Oiler pmp 35 BW D/Tbg, Drop SV, R/U S/Line RIH Push SV To S/N, P/Test Tbg To 3000 Psi, Tbg Psi Never Stabilized, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl,6:00AM OWU, POOH Found Hole In Blown Jt #1. RIH W/-Sline Ovrshot & Fish SV. POOH W/Remainder Of Tbg Production Breaking & Redoping Tool Jts W/-Liq O-Ring. BMW H/Oiler pmp 20 Bbls Wtr D/Csg Due To Oil. P/U & RIH W/-5 1/2" Arrow #1 Pkr, New 2 3/8 S/N, 135 Jts 2 3/8 Tbg, R/U H/Oiler pmp 35 BW D/Tbg, Drop SV, R/U S/Line RIH Push SV To S/N, P/Test Tbg To 3000 Psi, Tbg Psi Never Stabilized, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$16,042

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**3/12/2012 Day: 3**

**Tubing Leak**

NC #1 on 3/12/2012 - Ckek Tbg Psi,3000 Psi Good Tst.RIH & Fish SV,N/D BOP,pmp Pkr Fluid,Set Pkr,N/U W/HD.P/Test Csg To 1500 Psi,Well Psi Did Not Stabilize, - 5:30AM-6:00AM C/Trvl,6:00AM OWU, Check Psi On Tbg 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD. BMW H/Oiler pmp 70 BW D/Csg W/-20 Gal Pkr Fluid. N/D W/-HD, Set 5 1/2" Arrow #1 Pkr In 18,000 Tension, N/U W/-HD. P/Test Csg & Pkr To 1,500 Psi, Well Psi Did Not Stabilize, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl,6:00AM OWU, Check Psi On Tbg 3,000 Psi, Good Test. RIH W/-S/Line Ovrshot & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD. BMW H/Oiler pmp 70 BW D/Csg W/-20 Gal Pkr Fluid. N/D W/-HD, Set 5 1/2" Arrow #1 Pkr In 18,000 Tension, N/U W/-HD. P/Test Csg & Pkr To 1,500 Psi, Well Psi Did Not Stabilize, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$27,606

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**3/13/2012 Day: 4**

**Tubing Leak**

NC #1 on 3/13/2012 - OWU Chek Csg Psi, Good Test, R/D Rig, Well Ready For MIT ( Final Report ). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Check Psi On Csg, 1500 Psi, Good Test. Rack Out Eq, R/D Rig, Move Out @8:30AM, Well Ready For MIT ( Final Rig Report ). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Check Psi On Csg, 1500 Psi, Good Test. Rack Out Eq, R/D Rig, Move Out @8:30AM, Well Ready For MIT ( Final Rig Report ).

**Daily Cost:** \$0

**Cumulative Cost:** \$29,554

---

**3/14/2012 Day: 5**

**Tubing Leak**

Rigless on 3/14/2012 - Conduct MIT - On 03/01/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 03/14/2012 the csg was pressured up to 1345 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20776-06973 - On 03/01/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 03/14/2012 the csg was pressured up to 1345 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 500 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20776-06973 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,454

---

**Pertinent Files: [Go to File List](#)**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

APR 03 2012

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2595-7086  
RETURN RECEIPT REQUESTED

Mr. J D Horrocks  
Newfield Exploration Company  
Route 3, Box 3630  
Myton, UT 84052

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

Re: 95 17E 3  
Underground Injection Control (UIC)  
Permission to Resume Injection  
Monument Butte Federal 1-3-9-17 Well  
EPA ID# UT20776-06973  
API # 43-013-30642  
Monument Butte Oil Field  
Duchesne County, UT

Dear Mr. Horrocks:

On March 20, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover to address a tubing leak and the followup mechanical integrity test (MIT) conducted on March 14, 2012. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before March 14, 2017.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

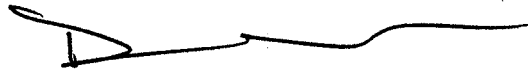
If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

RECEIVED

APR 06 2012

DIV. OF OIL, GAS & MINING

Sincerely,



Darcy O'Connor, Acting Director  
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman  
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Frances Poowegup, Councilwoman  
Uintah & Ouray Business Committee  
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Mike Natchees, Environmental  
Coordinator  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,  
Minerals and Air Programs  
P.O. Box 70  
Ute Indian Tribe  
Fort Duchesne, Utah 84026

~~John Rogers~~  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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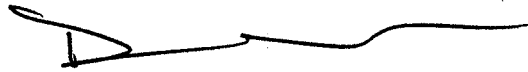
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RECEIVED

APR 06 2012

DIV. OF OIL, GAS & MINING

Sincerely,



Darcy O'Connor, Acting Director  
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman  
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P.O. Box 190  
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Manuel Myore, Director of Energy,  
Minerals and Air Programs  
P.O. Box 70  
Ute Indian Tribe  
Fort Duchesne, Utah 84026

~~John Rogers~~  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114



ENSENCH  
EXPLORATION INC

7

RECEIVED

One United Center  
1700 Lincoln Street, Suite 3600  
Denver, Colorado 80203  
303-831-1616

JUL 26 1985

DIVISION OF OIL  
GAS & MINING

July 24, 1985

U. S. Department of the Interior  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

Attention: Wayne Svejnoha

Re: Existing Permanent Pits  
Monument Butte Federal #1-3  
Duchesne County, Utah

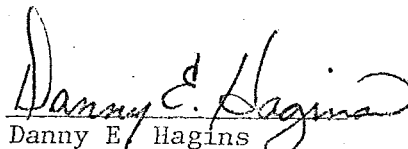
S3, T9S, R17E  
43-013-30642  
(W1W)

In accordance with Federal Regulation NTL-2B Section V,  
E P Operating Company respectfully requests permission to continue  
to utilize existing permanent pits presently in use on the Monument  
Butte Federal #1-3 well. All water is produced into a fiberglass  
tank and pit will be used only for emergency purposes.

Copy of water analysis from this well is attached.

Should you have any additional questions regarding this  
matter, please contact Danny Hagins at the above number.

Cordially,

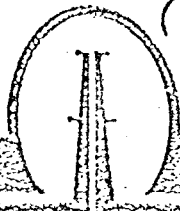


Danny E. Hagins  
District Production Superintendent

DEH/tjr

Encl.

cc: Well File  
State of Utah ✓



# Hinta Research and Analytical Services

BSS ✓  
LOM ✓  
Well File

James F. Smith

## WATER ANALYSIS REPORT

(801) 722-2532

COMPANY ENSEARCH EXPLORATION CO. ADDRESS Vernal, Ut. DATE 12-7-82  
SOURCE Monument Butte 1-3 DATESAMPLED 1-6-82 ANALYSISNO. W-320

Analysis	Mg/L	*Meq/L
1. PH	<u>7.60</u>	
2. H <sub>2</sub> S (Qualitative)		
3. Specific Gravity	<u>1.015</u>	
4. Dissolved Solids	<u>69232.18</u>	
5. Suspended Solids		
6. Phenolphthalein Alkalinity (CaCO <sub>3</sub> )	<u>0</u>	
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	<u>1250</u>	
8. Bicarbonate (HCO <sub>3</sub> )	<u>1525</u>	<u>25.00</u>
9. Chlorides (Cl)	<u>10457.75</u>	<u>1139.65</u>
10. Sulfates (SO <sub>4</sub> )	<u>380.00</u>	<u>7.92</u>
11. Calcium (Ca)	<u>81.60</u>	<u>4.08</u>
12. Magnesium (Mg)	<u>47.63</u>	<u>3.90</u>
13. Total Hardness (CaCO <sub>3</sub> )	<u>100</u>	
14. Total Iron (Fe)	<u>0.4</u>	
15. Barium (Qualitative)		
16. Conductivity	<u>45000</u>	<u>382,560</u>
*Milli equivalents per liter	<u>0.02 RHO</u>	<u>22</u>

### PROBABLE MINERAL COMPOSITION

Ca	←	HCO <sub>3</sub>	
4.08			25.00
Mg	→	SO <sub>4</sub>	
3.90			7.92
1164.59	←	Cl	
			1139.65

#### Saturation Values

Ca CO<sub>3</sub>

Ca SO<sub>4</sub> · 2H<sub>2</sub>O

Mg CO<sub>3</sub>

#### Distilled Water 20°C

13 Mg/L

2,090 Mg/L

103 Mg/L

Compound	Equiv. Wt. X	Meq/L	Mg/L
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>4.08</u>	<u>330.64</u>
Ca SO <sub>4</sub>	68.07	<u>0</u>	<u>0</u>
Ca Cl <sub>2</sub>	55.50	<u>0</u>	<u>0</u>
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>3.90</u>	<u>285.36</u>
Mg SO <sub>4</sub>	60.19	<u>0</u>	<u>0</u>
Mg Cl <sub>2</sub>	47.62	<u>0</u>	<u>0</u>
Na HCO <sub>3</sub>	84.00	<u>17.02</u>	<u>1429.68</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>7.92</u>	<u>562.56</u>
Na Cl	58.46	<u>1139.65</u>	<u>6663.94</u>

Remarks

**ENSERCH  
EXPLORATION INC.**

One United Center  
1700 Lincoln Street, Suite 3600  
Denver, Colorado 80203  
303-831-1616

**RECEIVED**

**JUL 26 1985**

July 23, 1985

**DIVISION OF OIL  
& MINING**

U. S. Department of the Interior  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

Attn: Mr. Wayne Svejnoha

Re: Permit to Dispose of  
Produced Water  
Monument Butte Federal #1-3 143-013-30642  
NW SW Section 3, T9S, R17E  
Duchesne County, Utah (W1W)  
Lease No. U-44044

Gentlemen:

In accordance with Federal Regulation NTL-2B, E P Operating Co. respectfully requests permission to dispose of produced water from our Monument Butte Federal #1-3 well, Duchesne County, Utah, into Diamond Shamrock Exploration Co. Pariette Bench #4 well. This well is located in Section 7, T9S, R19E, Uintah County, Utah.

43-047-15681 WDW

The water produced is approximately 1 barrel per day from the Green River formation. Copy of the water analysis is attached.

Thank you,

*Danny E. Hagins*

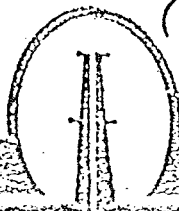
Danny E. Hagins  
District Production Superintendent

DEH/tjr

Encl.

cc: State of Utah ✓  
Diamond Shamrock Exploration Co.  
P.O. Drawer E  
Vernal, Utah 84078  
Attn: Robert Michelotti

Managing General Partner of E P Operating Company, A Limited Partnership.



# Hinta Research and Analytical Services

BSS ✓  
LOA ✓  
WEL FILE ✓

James F. Smith

## WATER ANALYSIS REPORT

(801) 722-2532

COMPANY ENSARCH EXPLORATION CO. ADDRESS Vernal, Ut. DATE 12-7-82  
SOURCE Monument Butte 1-3 DATE SAMPLED 11-6-82 ANALYSIS NO. W-320

Analysis	Mg/L	*Meq/L
1. PH	<u>7.60</u>	
2. H <sub>2</sub> S (Qualitative)		
3. Specific Gravity	<u>1.015</u>	
4. Dissolved Solids	<u>69232.18</u>	
5. Suspended Solids		
6. Phenolphthalein Alkalinity (CaCO <sub>3</sub> )	<u>0</u>	
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	<u>1250</u>	
8. Bicarbonate (HCO <sub>3</sub> )	<u>1525</u>	<u>25.00</u>
9. Chlorides (Cl)	<u>10457.75</u>	<u>1139.65</u>
10. Sulfates (SO <sub>4</sub> )	<u>380.00</u>	<u>7.92</u>
11. Calcium (Ca)	<u>81.60</u>	<u>4.08</u>
12. Magnesium (Mg)	<u>47.63</u>	<u>3.90</u>
13. Total Hardness (CaCO <sub>3</sub> )	<u>100</u>	
14. Total Iron (Fe)	<u>0.4</u>	
15. Barium (Qualitative)		
16. Conductivity	<u>15000</u>	<u>382,560</u>
*Milli equivalents per liter	<u>0.02 RMC</u>	<u>22</u>

### PROBABLE MINERAL COMPOSITION

Ca	HCO <sub>3</sub>	Compound	Equiv. Wt. X	Meq/L	Mg/L
<u>4.08</u>	<u>25.00</u>	Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>4.08</u>	<u>330.61</u>
<u>3.90</u>	<u>7.92</u>	Ca SO <sub>4</sub>	68.07	<u>0</u>	<u>0</u>
<u>1164.59</u>	<u>1139.65</u>	Ca Cl <sub>2</sub>	55.50	<u>0</u>	<u>0</u>
		Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>3.90</u>	<u>285.36</u>
		Mg SO <sub>4</sub>	60.19	<u>0</u>	<u>0</u>
		Mg Cl <sub>2</sub>	47.62	<u>0</u>	<u>0</u>
		Na HCO <sub>3</sub>	84.00	<u>17.02</u>	<u>1429.68</u>
		Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>7.92</u>	<u>562.56</u>
		Na Cl	58.46	<u>1139.65</u>	<u>66623.94</u>

Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/L
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2.090 Mg/L
Mg CO <sub>3</sub>	103 Mg/L

Remarks \_\_\_\_\_

Spud Date: 3/10/82  
 Put on Production: 4/22/82  
 GL: 5166' KB:5176'

# Monument Butte Federal 1-3-9-17

Initial Production: 90 BOPD.  
 NO GAS, 15 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE:  
 WEIGHT: 24#  
 LENGTH:  
 DEPTH LANDED: 312'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 225 sxs cmt.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE:  
 WEIGHT: 15.5#  
 LENGTH:  
 DEPTH LANDED: 6212'  
 HOLE SIZE: 8 1/4"  
 CEMENT DATA: 455 sxs cement  
 CEMENT TOP AT: 2950' per CBL

### TUBING

SIZE/GRADE/WT.: 2-3/8" - J-55 - 4.7#  
 NO. OF JOINTS: 135 jts. (4189.1')  
 SEATING NIPPLE: @ (4202.1')  
 CE @ 4206.27'  
 TOTAL STRING LENGTH: EOT @ 4211'

### FRAC JOB

4-2-82 5422'-5575' Frac zone with 36,000# 20-40 sand + 12,000# 10-20 sand in 643 bbls fluid. Treated @ avg press of 1900 psi w avg rate of 30 BPM. ISIP 1700 psi.

4-8-82 4794'-4884' Frac zone with 36,000# 20-40 sand + 12,000# 10-20 sand in 643 bbls fluid. Treated @ avg press of 2400 psi w avg rate of 30 BPM. ISIP 2300 psi. 755 barrels to recover

4-14-82 4270'-4280' Frac zone with 16,000# 20-40 sand + 6,400# 10-20 sand in 238 bbls fluid. Treated @ avg press of 2500 psi w avg rate of 30 BPM. ISIP 2200 psi.

4-10-86 5422'-5431' Treated Perf. as follows:  
 Treated perfs w/ 200 gallons diesel and 750 gallons gelled 15% HCL acid. Treated @ avg press of 2900 psi w avg rate of 3.5 BPM. ISIP 2130 psi. Recovered 27 barrels.

4-11-86 4876'-4884' Treated Perf. as follows:  
 Treated perfs w/ 200 gallons diesel and 1500 gallons gelled 15% HCL acid. Treated @ avg press of 2800 psi w avg rate of 4 BPM. ISIP 1800 psi. Recovered 28 barrels.

4-12-86 4794'-4804' Treated Perf. as follows:  
 Treated perfs w/ 200 gallons diesel and 750 gallons gelled 15% HCL acid. Treated @ avg press of 2900 psi w avg rate of 4.4 BPM. ISIP 1800 psi. Recovered 15 barrels.

4-12-86 4270'-4280' Treated Perf. as follows:  
 Treated perfs w/ 200 gallons diesel and 750 gallons gelled 15% HCL acid. Treated @ avg press of 2700 psi w avg rate of 5 BPM. ISIP 1500 psi. Recovered 17 barrels.

4-13-86 5555'-5575' Treated Perf. as follows:  
 Treated perfs w/ 200 gallons diesel and 1000 gallons gelled 15% HCL acid. Treated @ avg press of 2500 psi w avg rate of 5 BPM. ISIP 900 psi. Recovered 48 barrels.

8-5-03 Pump change.

1-28-04 Hole in tubing.

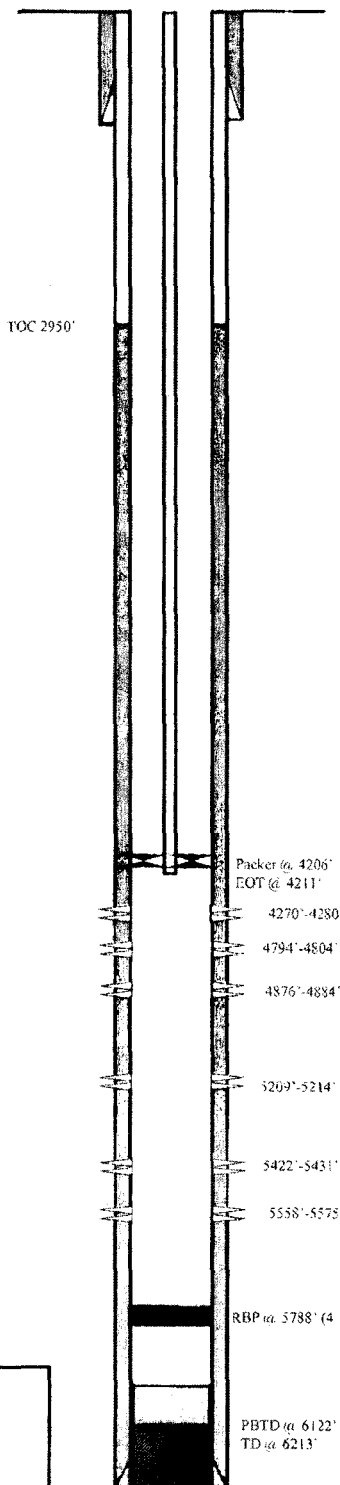
12-29-06 Well converted to an injection well.

12-27-06 5209'-5214' Perforate A3 as follows:  
 4,237# of 20-40 sand in 165 bbls of Lightning 17 fluid. Broke @ 3517 psi. Treated w/ avg pressure of 2868 psi @ avg rate of 14.4 BPM. ISIP 1930 psi.

3-14-12 Tubing Leak - MIT Finalized

### PERFORATION RECORD

Date	Depth	SPF	Holes
3/26/82	5555'-5575'	1 SPF	18 holes
3/31/82	5422'-5431'	1 SPF	10 holes
4-07-82	4876'-4884'	1 SPF	08 holes
4-07-82	4794'-4804'	1 SPF	10 holes
4-14-82	4270'-4280'	1 SPF	11 holes
12-27-06	5209'-5214'	4 SPF	20 holes



**NEWFIELD**

**Monument Butte Federal 1-3-9-17**

1945' FSL & 816' FWL

NW/4 Section 3-T9S-R17E

Duchesne Co, Utah

API #43-013-30642 Lease #UTU-44004